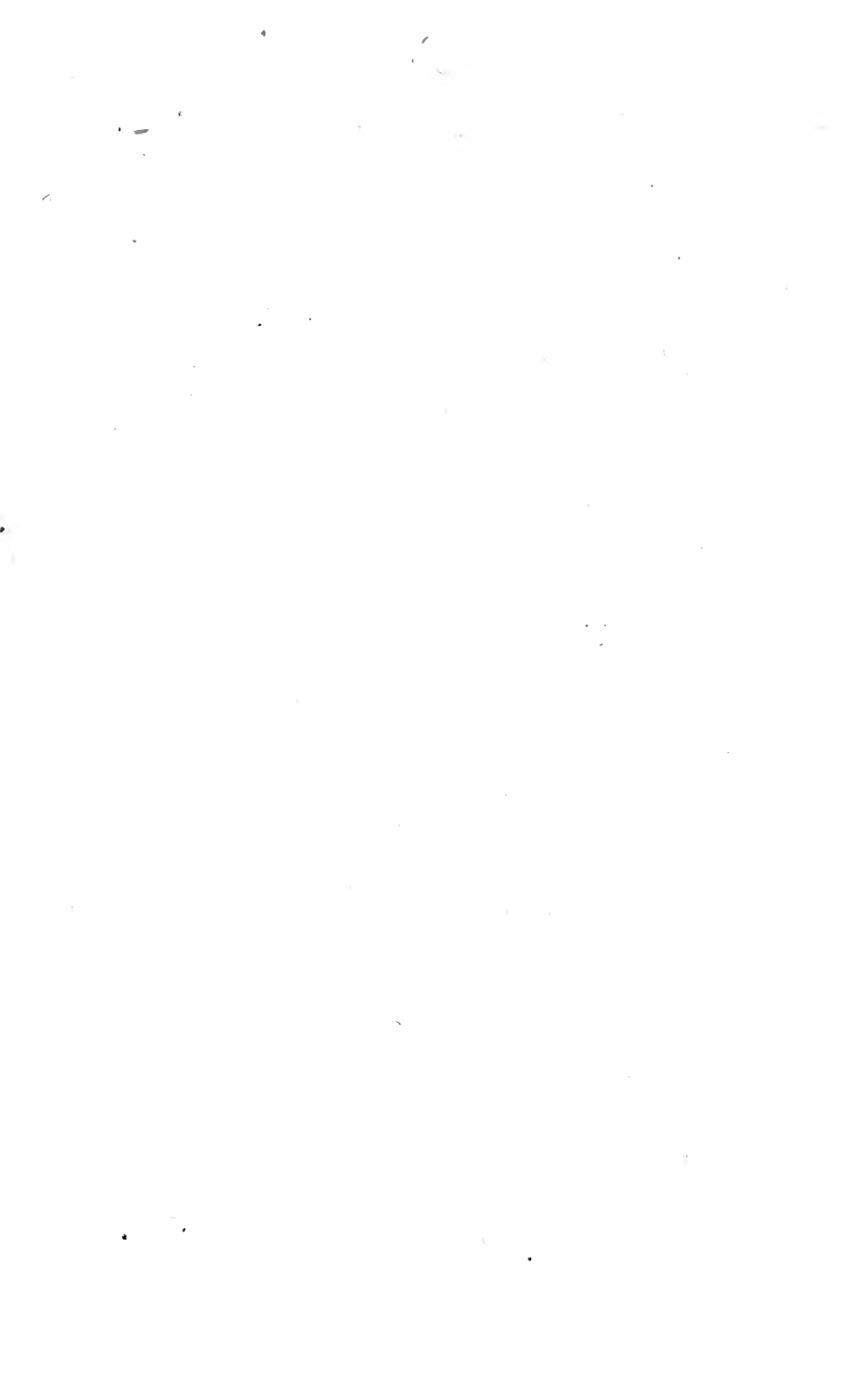


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1909



Mass. Secretary of the Commonwealth





SIXTY-EIGHTH REPORT
OF
BIRTHS, MARRIAGES AND DEATHS
IN
MASSACHUSETTS,

RETURNS OF LIBELS FOR DIVORCE, AND RETURNS OF
DEATHS INVESTIGATED BY THE MEDICAL
EXAMINERS,

FOR THE YEAR 1909.

PREPARED BY THE SECRETARY OF THE COMMONWEALTH.

EDITED BY
FRANCIS A. HARRIS, M.D.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
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1910.

MASS. SECRETARY OF THE COMMONWEALTH

MASS. SECRETARY OF THE COMMONWEALTH
287 30
MASS. SECRETARY OF THE COMMONWEALTH

The Commonwealth of Massachusetts.

OFFICE OF THE SECRETARY, BOSTON, Sept. 10, 1910.

To the Honorable Senate and the House of Representatives.

I have the honor to submit herewith, as required by law, the Sixty-eighth Annual Registration Report, relating to the births, marriages and deaths occurring in Massachusetts and registered in the several cities and towns during the year ending Dec. 31, 1909, and containing, also, the reports relating to libels for divorce in the several counties, and the returns of deaths the causes and manner of which have been investigated by the medical examiners during the year 1909.

In tabulating returns of births and deaths still-births are not included. The only record of still-births appears in Table III.

Table Xa, Causes of Death Nosologically arranged (comparative mortality), heretofore published every five years, is discontinued on account of the change of nosological arrangement. It will be continued after five years under the new classification.

The nosological arrangement of the tables of deaths in this report is what is known as the International Classification of Causes of Death, adopted by the United States Census Office for the compilation of mortality statistics, and the nomenclature is printed at the end of this report. This subject is further treated in the editorial observations.

The rule adopted in the report of 1891, restricting the exhibition of tabular results to such as are of practical utility within the meaning of the statute by authority of which the tables are prepared, is continued, and the editorial work has again been entrusted to FRANCIS A. HARRIS, M.D.

Very respectfully, your obedient servant,

WM. M. OLIN,
Secretary of the Commonwealth.

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(T A B L E S)

SIXTY-EIGHTH ANNUAL REPORT

OF

BIRTHS, MARRIAGES AND DEATHS

REGISTERED IN MASSACHUSETTS,

FOR THE YEAR ENDING DECEMBER 31, 1909.

TABLE I. — POPULATION [1905], — BIRTHS,

General Abstract, exhibiting, in Connection with the Population according to the County and Town in Massachusetts during the Year 1909, distinguishing the Sex, Nativity and Aggregate and Average Ages by Counties of the Num-

STATE AND COUNTIES.	Popula- tion, 1905.	BIRTHS.								
		Whole Number.	SEX.			PARENTAGE.				
			Males.	Females.	Unknown.	Native.	Foreign.	Native Father and Foreign Mother.	Foreign Father and Native Mother.	Unknown.
MASSACHUSETTS,	3,003,680	84,039	43,339	40,679	21	26,525	42,596	7,524	7,261	133
Barnstable, . . .	26,831	546	284	262	—	282	155	49	59	1
Berkshire, . . .	98,330	2,404	1,253	1,151	—	1,113	901	193	193	4
Bristol, . . .	269,257	11,009	5,669	5,339	1	2,357	6,771	888	988	5
Dukes, . . .	4,551	67	30	37	—	34	19	9	5	—
Essex, . . .	381,181	10,318	5,353	4,962	3	3,274	5,099	1,014	917	14
Franklin, . . .	43,362	1,005	501	504	—	513	318	91	82	1
Hampden, . . .	196,013	6,260	3,260	2,999	1	1,927	3,354	455	514	10
Hampshire, . . .	62,227	1,510	792	717	1	544	736	107	120	3
Middlesex, . . .	608,499	15,297	7,870	7,423	4	5,336	6,930	1,597	1,400	34
Nantucket, . . .	2,930	54	30	24	—	35	6	10	3	—
Norfolk, . . .	167,537	3,772	1,893	1,878	1	1,447	1,629	387	304	5
Plymouth, . . .	127,932	2,989	1,527	1,458	4	1,310	1,126	273	268	12
Suffolk, . . .	652,362	19,091	9,846	9,241	4	5,234	10,764	1,556	1,507	30
Worcester, . . .	362,668	9,717	5,031	4,684	2	3,119	4,788	895	901	14

MARRIAGES AND DEATHS, 1909.

State Census of 1905, the Births, Marriages and Deaths registered in Each the Sex and the Parentage of Children Born, the Nativity of Persons Married, and ber who Died.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			Number whose Ages are registered.	AGE.	
	Native.	Foreign.	Native Groom.	Foreign Groom.	Unknown.		Males.	Females.	Native.	Foreign.	Unknown.		Aggregate.	Average.
29,002	12,499	10,383	3,047	3,073	-	51,236	26,320	24,916	35,289	15,585	362	51,222	2,009,558	39.23
191	138	18	13	22	-	511	262	249	446	61	4	510	26,229	51.43
867	524	200	59	84	-	1,519	802	717	1,106	396	17	1,519	61,609	40.56
3,092	1,160	1,210	314	408	-	5,550	2,805	2,745	3,898	1,631	21	5,550	169,177	30.48
28	18	4	3	3	-	77	40	37	63	12	2	77	4,042	52.49
3,792	1,597	1,366	433	396	-	6,586	3,308	3,278	4,701	1,844	41	6,584	265,337	40.30
300	202	64	14	20	-	604	331	273	487	113	4	604	28,614	47.37
2,187	937	842	194	214	-	3,601	1,844	1,757	2,598	985	18	3,599	121,168	33.67
538	274	178	34	52	-	924	483	441	702	217	5	924	40,912	44.28
4,908	2,291	1,487	608	522	-	9,725	4,882	4,843	6,549	3,124	52	9,718	395,315	40.68
31	19	7	3	2	-	70	35	35	64	6	-	70	4,040	57.71
1,244	636	361	110	137	-	2,322	1,164	1,158	1,619	693	10	2,321	110,270	47.51
1,026	590	234	105	97	-	1,969	1,057	912	1,498	463	8	1,968	87,775	44.60
7,625	2,727	3,253	855	790	-	11,898	6,312	5,586	7,513	4,234	151	11,898	453,090	38.08
3,173	1,386	1,159	302	326	-	5,880	2,995	2,885	4,045	1,806	29	5,880	241,980	41.15

TABLE I. — *Births, Marriages and Deaths*

COUNTIES, CITIES AND TOWNS.	Popula- tion, 1905.	BIRTHS.								
		Whole Number.	SEX.			PARENTAGE.				
			Males.	Females.	Unknown.	Native.	Foreign.	Native Father and Foreign Mother.	Foreign Father and Native Mother.	Unknown.
Barnstable,	26,831	546	284	262	-	282	155	49	59	1
Barnstable,	4,336	95	58	37	-	58	19	15	3	-
Bourne,	1,786	65	31	34	-	29	32	3	1	-
Brewster,	739	13	6	7	-	8	2	3	-	-
Chatham,	1,634	17	10	7	-	16	-	1	-	-
Dennis,	1,998	21	11	10	-	17	1	1	2	-
Eastham,	519	9	2	7	-	7	1	1	-	-
Falmouth,	3,241	55	28	27	-	19	19	9	8	-
Harwich,	2,291	30	14	16	-	19	10	1	-	-
Mashpee,	317	9	5	4	-	9	-	-	-	-
Orleans,	1,052	14	6	8	-	12	-	-	2	-
Provincetown,	4,362	147	77	70	-	40	58	11	38	-
Sandwich,	1,433	18	12	6	-	9	6	-	2	1
Truro,	743	18	7	11	-	11	2	2	3	-
Wellfleet,	958	17	8	9	-	13	4	-	-	-
Yarmouth,	1,422	18	9	9	-	15	1	2	-	-
Berkshire,	98,330	2,404	1,253	1,151	-	1,113	901	193	193	4
Adams,	12,486	409	201	208	-	76	280	24	29	-
Alford,	275	6	5	1	-	3	-	-	2	-
Becket,	890	20	10	10	-	15	3	1	1	-
Cheshire,	1,281	25	11	14	-	12	8	1	4	-
Clarksburg,	1,200	24	12	12	-	12	4	4	4	-
Dalton,	3,122	72	40	32	-	59	6	2	5	-
Egremont,	721	8	3	5	-	8	-	-	-	-
Florida,	424	3	2	1	-	2	1	-	-	-
Great Barrington,	6,152	145	84	61	-	59	71	10	5	-
Hancock,	434	12	6	6	-	10	-	1	1	-
Hinsdale,	1,452	21	7	14	-	16	3	-	2	-
Lanesborough,	845	4	2	2	-	4	-	-	-	-
Lee,	3,972	85	44	41	-	39	33	9	4	-
Lenox,	3,058	63	36	27	-	25	24	7	7	-
Monterey,	444	7	5	2	-	3	2	-	2	-
Mount Washington,	87	2	1	1	-	1	1	-	-	-
New Ashford,	100	1	1	-	-	1	-	-	-	-
New Marlborough,	1,209	22	11	11	-	17	1	2	2	-
North Adams,	22,150	513	273	240	-	211	209	46	46	1
Otis,	534	9	3	6	-	7	1	-	1	-
Peru,	268	2	1	1	-	1	1	-	-	-
Pittsfield,	25,001	746	393	353	-	383	227	69	65	2
Richmond,	601	3	1	2	-	3	-	-	-	-
Sandisfield,	657	4	1	3	-	4	-	-	-	-
Savoy,	549	12	4	8	-	9	2	-	1	-
Sheffield,	1,782	36	17	19	-	25	8	2	1	-
Stockbridge,	2,022	25	10	15	-	19	3	2	1	-
Tyringham,	314	10	5	5	-	7	-	1	2	-
Washington,	339	6	4	2	-	2	2	2	-	-
West Stockbridge,	1,023	21	9	12	-	13	5	1	2	-
Williamstown,	4,425	79	46	33	-	60	5	8	5	1
Windsor,	513	9	5	4	-	7	-	1	1	-
Bristol,	269,257	11,009	5,669	5,339	1	2,357	6,771	888	988	5
Acushnet,	1,284	32	16	16	-	16	12	2	2	-
Attleborough,	12,702	455	234	221	-	164	151	66	74	-
Berkley,	931	13	5	8	-	6	4	3	-	-
Dartmouth,	3,793	101	44	56	1	40	47	10	4	-
Dighton,	2,070	58	33	25	-	16	34	4	4	-
Easton,	4,909	98	54	44	-	40	41	10	7	-
Fairhaven,	4,235	96	51	45	-	35	48	4	9	-
Fall River,	105,762	4,692	2,450	2,242	-	778	3,148	360	405	1
Freetown,	1,470	24	12	12	-	18	4	2	-	-
Mansfield,	4,245	122	62	60	-	60	41	15	6	-
New Bedford,	74,362	3,836	1,957	1,879	-	650	2,542	282	359	3
North Attleborough,	7,878	236	115	121	-	117	73	21	25	-

Registered during the Year 1909 — Continued.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			Number whose Ages are registered.	AGE.	
	Native.	Foreign.	Native Groom.	Foreign Groom.	Unknown.		Males.	Females.	Native.	Foreign.	Unknown.		Aggregate.	Average.
191	138	18	13	22	-	511	262	249	446	61	4	510	26,229	51.43
33	25	5	1	2	-	77	37	40	70	6	1	-	-	-
12	6	3	1	2	-	30	18	12	30	-	-	-	-	-
4	3	-	1	-	-	15	7	8	14	-	1	-	-	-
12	12	-	-	-	-	14	10	4	13	1	-	-	-	-
9	7	-	1	1	-	37	15	22	36	1	-	-	-	-
3	2	-	1	-	-	11	5	6	10	1	-	-	-	-
23	16	3	-	4	-	47	29	18	40	6	1	-	-	-
18	9	1	1	7	-	43	24	19	39	4	-	-	-	-
5	4	-	1	-	-	7	3	4	6	1	-	-	-	-
14	13	-	1	-	-	20	13	7	18	2	-	-	-	-
24	13	5	2	4	-	109	53	56	83	25	1	-	-	-
11	10	1	-	-	-	40	20	20	31	9	-	-	-	-
3	2	-	-	1	-	15	7	8	12	3	-	-	-	-
9	9	-	-	-	-	18	9	9	18	-	-	-	-	-
11	7	-	3	1	-	28	12	16	26	2	-	-	-	-
867	524	200	59	84	-	1,519	802	717	1,106	396	17	1,519	61,609	40.56
126	41	64	9	12	-	173	95	78	116	56	1	-	-	-
-	-	-	-	-	-	5	2	3	4	1	-	-	-	-
3	3	-	-	-	-	16	7	9	12	3	1	-	-	-
5	4	-	1	-	-	18	7	11	14	3	1	-	-	-
5	2	2	-	1	-	16	5	11	10	5	1	-	-	-
34	27	2	3	2	-	33	15	18	23	9	1	-	-	-
7	7	-	-	-	-	7	5	2	7	-	-	-	-	-
-	-	-	-	-	-	3	3	-	3	-	-	-	-	-
68	36	28	1	3	-	87	49	38	68	19	-	-	-	-
3	3	-	-	-	-	6	3	3	6	-	-	-	-	-
7	3	-	-	4	-	19	10	9	15	4	-	-	-	-
1	-	-	1	-	-	15	8	7	10	5	-	-	-	-
29	23	1	-	5	-	68	42	26	51	17	-	-	-	-
22	13	5	3	1	-	41	16	25	34	6	1	-	-	-
3	2	-	-	1	-	8	5	3	7	1	-	-	-	-
-	-	-	-	-	-	1	-	1	1	-	-	-	-	-
1	1	-	-	-	-	2	2	-	2	-	-	-	-	-
4	2	-	-	2	-	21	11	10	17	4	-	-	-	-
183	106	39	14	24	-	365	199	166	253	108	4	-	-	-
3	3	-	-	-	-	9	7	2	8	1	-	-	-	-
-	-	-	-	-	-	6	1	5	5	1	-	-	-	-
274	177	55	16	26	-	454	238	216	332	115	7	-	-	-
4	4	-	-	-	-	9	5	4	6	3	-	-	-	-
4	2	1	1	-	-	9	6	3	7	2	-	-	-	-
3	2	-	1	-	-	8	4	4	6	2	-	-	-	-
18	16	-	2	-	-	16	6	10	12	4	-	-	-	-
22	18	-	4	-	-	26	10	16	17	9	-	-	-	-
1	1	-	-	-	-	4	2	2	4	-	-	-	-	-
2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
9	8	1	-	-	-	14	8	6	10	4	-	-	-	-
23	16	2	2	3	-	57	30	27	44	13	-	-	-	-
3	3	-	-	-	-	3	1	2	2	1	-	-	-	-
3,092	1,160	1,210	314	408	-	5,550	2,805	2,745	3,898	1,631	21	5,550	169,177	30.48
8	6	1	-	1	-	36	18	18	30	6	-	-	-	-
270	165	42	19	44	-	191	96	95	138	52	1	-	-	-
4	3	1	-	-	-	10	4	6	8	2	-	-	-	-
13	8	2	2	1	-	56	23	33	50	6	-	-	-	-
7	5	-	-	2	-	35	19	16	28	6	1	-	-	-
26	15	3	2	6	-	69	39	30	48	21	-	-	-	-
31	17	6	3	5	-	81	31	50	71	10	-	-	-	-
1,186	370	525	135	156	-	2,254	1,128	1,126	1,500	751	3	-	-	-
4	3	-	-	1	-	23	10	13	20	3	-	-	-	-
30	21	3	3	3	-	78	46	32	62	15	1	-	-	-
981	264	486	98	133	-	1,612	835	777	1,152	454	6	-	-	-
99	64	9	14	12	-	135	58	77	94	41	-	-	-	-

TABLE I. — *Births, Marriages and Deaths*

COUNTIES, CITIES AND TOWNS.	Popula- tion, 1905.	BIRTHS.									
		Whole Number.	SEX.			PARENTAGE.					
			Males.	Females.	Unknown.	Native.	Foreign.	Native Father and Foreign Mother.	Foreign Father and Native Mother.	Unknown.	
Bristol — Con.											
Norton,	2,079	59	33	26	-	26	22	8	3	-	
Raynham,	1,662	39	18	21	-	10	19	4	6	-	
Rehoboth,	1,991	28	12	16	-	16	10	2	-	-	
Seekonk,	1,917	66	35	31	-	18	37	9	2	-	
Somerset,	2,294	60	33	27	-	28	28	2	2	-	
Swansea,	1,839	40	28	12	-	15	22	2	1	-	
Taunton,	30,967	887	447	440	-	271	466	78	72	-	
Westport,	2,867	67	30	37	-	33	22	4	7	1	
Dukes County,		4,551	67	30	37	-	34	19	9	5	-
Chilmark,	322	3	2	1	-	2	1	-	-	-	
Edgartown,	1,175	16	10	6	-	8	7	1	-	-	
Gay Head,	178	5	2	3	-	5	-	-	-	-	
Gosnold,	161	1	-	1	-	1	-	-	-	-	
Oak Bluffs,	1,138	30	11	19	-	13	9	5	3	-	
Tisbury,	1,120	10	3	7	-	3	2	3	2	-	
West Tisbury,	457	2	2	-	-	2	-	-	-	-	
Essex,		381,181	10,318	5,353	4,962	3	3,274	5,099	1,014	917	14
Amesbury,	8,840	190	98	92	-	69	77	22	21	1	
Andover,	6,632	98	58	40	-	32	40	10	16	-	
Beverly,	15,223	416	212	204	-	191	144	40	41	-	
Boxford,	665	11	4	7	-	8	-	-	3	-	
Danvers,	9,063	165	81	83	1	85	38	22	20	-	
Essex,	1,790	23	10	13	-	14	3	3	3	-	
Georgetown,	1,840	30	14	16	-	28	-	2	-	-	
Gloucester,	26,011	506	261	245	-	174	201	68	63	-	
Groveland,	2,401	29	15	14	-	23	2	2	2	-	
Hamilton,	1,646	43	18	25	-	19	10	7	7	-	
Haverhill,	37,830	893	478	415	-	383	357	76	77	-	
Ipswich,	5,205	124	73	51	-	31	69	11	13	-	
Lawrence,	70,506	2,748	1,434	1,313	1	378	1,969	205	194	2	
Lynn,	77,042	2,037	1,020	1,017	-	691	937	226	175	8	
Lynnfield,	797	15	10	5	-	10	1	1	3	-	
Manchester,	2,618	55	29	26	-	22	22	5	6	-	
Marblehead,	7,209	129	69	60	-	92	12	18	7	-	
Merrimac,	1,884	33	16	17	-	24	3	1	5	-	
Methuen,	8,676	278	129	148	1	71	132	43	30	2	
Middleton,	1,068	10	6	4	-	5	2	2	1	-	
Nahant,	922	27	13	14	-	6	7	7	7	-	
Newbury,	1,480	20	12	8	-	15	3	2	-	-	
Newburyport,	14,675	320	156	164	-	174	90	24	32	-	
North Andover,	4,614	107	57	50	-	37	49	11	10	-	
Peabody,	13,098	376	197	179	-	137	166	35	38	-	
Rockport,	4,447	100	47	53	-	37	42	12	9	-	
Rowley,	1,388	26	15	11	-	22	3	-	1	-	
Salem,	37,627	1,160	634	526	-	309	624	119	108	-	
Salisbury,	1,622	37	23	14	-	26	5	4	2	-	
Saugus,	6,253	121	58	63	-	58	33	18	12	-	
Swampscott,	5,141	141	80	61	-	71	46	15	8	1	
Topsfield,	1,095	15	11	4	-	11	3	1	-	-	
Wenham,	924	11	8	3	-	4	3	2	2	-	
West Newbury,	1,405	24	7	17	-	17	6	-	1	-	
Franklin,		43,362	1,005	501	504	-	513	318	91	82	1
Ashfield,	959	17	9	8	-	12	2	1	2	-	
Bernardston,	769	21	11	10	-	15	3	2	1	-	
Buckland,	1,500	34	16	18	-	28	4	-	2	-	
Charlemont,	1,002	8	6	2	-	5	-	1	2	-	
Colrain,	1,780	41	26	15	-	23	5	6	7	-	
Conway,	1,340	37	18	19	-	24	6	3	4	-	

Registered during the Year 1909 — Continued.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			Number whose Ages are registered.	AGE.	
	Native.	Foreign.	Native Groom.	Foreign Groom.	Unknown.		Males.	Females.	Native.	Foreign.	Unknown.		Aggregate.	Average.
13	10	3	-	-	-	26	17	9	22	4	-	-	-	-
4	3	1	-	-	-	30	15	15	26	4	-	-	-	-
6	5	1	-	-	-	32	15	17	26	6	-	-	-	-
9	6	2	-	1	-	41	21	20	30	11	-	-	-	-
22	14	3	3	2	-	51	31	20	39	12	-	-	-	-
13	10	1	1	1	-	22	10	12	19	3	-	-	-	-
346	158	117	34	37	-	720	363	357	494	217	9	-	-	-
20	13	4	-	3	-	48	26	22	41	7	-	-	-	-
28	18	4	3	3	-	77	40	37	63	12	2	77	4,042	52.49
3	2	-	1	-	-	3	1	2	3	-	-	-	-	-
5	2	-	1	2	-	18	9	9	17	1	-	-	-	-
1	1	-	-	-	-	1	-	1	1	-	-	-	-	-
-	-	-	-	-	-	1	1	-	1	-	-	-	-	-
13	8	3	1	1	-	21	13	8	16	5	-	-	-	-
6	5	1	-	-	-	27	13	14	20	5	2	-	-	-
-	-	-	-	-	-	6	3	3	5	1	-	-	-	-
3,792	1,597	1,366	433	396	-	6,586	3,308	3,278	4,701	1,844	41	6,584	265,337	40.30
59	22	25	5	7	-	146	73	73	98	48	-	-	-	-
50	20	17	9	4	-	88	43	45	61	27	-	-	-	-
118	55	28	21	14	-	260	116	144	208	51	1	-	-	-
5	3	-	-	2	-	4	2	2	4	-	-	-	-	-
60	36	8	10	6	-	328	154	174	213	112	3	-	-	-
5	4	-	1	-	-	33	21	12	31	2	-	-	-	-
11	8	-	2	1	-	31	14	17	29	2	-	-	-	-
177	79	49	25	24	-	326	158	168	229	95	2	-	-	-
13	11	1	-	1	-	25	11	14	24	1	-	-	-	-
8	7	1	-	-	-	22	9	13	22	-	-	-	-	-
384	218	89	46	31	-	629	326	303	488	138	3	-	-	-
86	23	47	10	6	-	91	54	37	77	12	2	-	-	-
1,072	253	624	83	112	-	1,435	733	702	922	506	7	-	-	-
836	403	222	117	94	-	1,211	604	607	874	324	13	-	-	-
1	1	-	-	-	-	17	8	9	14	3	-	-	-	-
18	8	5	5	-	-	29	14	15	23	6	-	-	-	-
44	37	4	-	3	-	127	70	57	106	21	-	-	-	-
13	8	1	1	3	-	35	20	15	33	1	1	-	-	-
58	24	17	6	11	-	162	75	87	100	61	1	-	-	-
5	3	-	1	1	-	19	9	10	18	1	-	-	-	-
6	3	1	2	-	-	16	9	7	11	5	-	-	-	-
3	2	-	-	1	-	22	8	14	22	-	-	-	-	-
115	79	12	16	8	-	254	121	133	184	69	1	-	-	-
43	22	8	6	7	-	62	28	34	41	20	1	-	-	-
✓ 68	34	21	6	7	-	210	115	95	135	73	2	-	-	-
35	16	8	5	6	-	67	34	33	51	16	-	-	-	-
3	3	-	-	-	-	24	15	9	21	3	-	-	-	-
388	139	165	46	38	-	696	345	351	494	200	2	-	-	-
11	11	-	-	-	-	20	13	7	15	5	-	-	-	-
40	27	3	5	5	-	93	42	51	74	18	1	-	-	-
41	24	10	4	3	-	47	30	17	36	11	-	-	-	-
1	1	-	-	-	-	18	12	6	11	7	-	-	-	-
5	4	-	1	-	-	20	10	10	19	1	-	-	-	-
10	9	-	-	1	-	19	12	7	13	5	1	-	-	-
300	202	64	14	20	-	604	331	273	487	113	4	604	28,614	47.37
3	3	-	-	-	-	14	8	6	13	1	-	-	-	-
2	2	-	-	-	-	5	3	2	5	-	-	-	-	-
11	8	1	1	1	-	27	14	13	21	6	-	-	-	-
3	3	-	-	-	-	14	9	5	14	-	-	-	-	-
12	10	-	2	-	-	25	16	9	22	3	-	-	-	-
10	9	1	-	-	-	12	8	4	8	4	-	-	-	-

TABLE I. — *Births, Marriages and Deaths*

COUNTIES, CITIES AND TOWNS.	Popula- tion, 1905.	BIRTHS.								
		Whole Number.	SEX.			PARENTAGE.				
			Males.	Females.	Unknown.	Native.	Foreign.	Native Father and Foreign Mother.	Foreign Father and Native Mother.	Unknown.
Franklin — Con.										
Deerfield,	2,112	51	30	21	-	21	22	6	2	-
Erving,	1,094	23	12	11	-	10	9	2	2	-
Gill,	1,023	15	4	11	-	9	2	-	4	-
Greenfield,	9,156	238	109	129	-	139	59	25	14	1
Hawley,	448	7	4	3	-	6	-	-	1	-
Heath,	356	7	4	3	-	3	-	4	-	-
Leverett,	703	21	13	8	-	19	2	-	-	-
Leyden,	408	7	3	4	-	3	4	-	-	-
Monroe,	269	11	7	4	-	5	5	-	1	-
Montague,	7,015	211	114	97	-	63	115	18	15	-
New Salem,	672	4	1	3	-	1	-	1	2	-
Northfield,	2,017	33	15	18	-	24	3	3	3	-
Orange,	5,578	120	56	64	-	61	32	13	14	-
Rowe,	533	7	2	5	-	4	3	-	-	-
Shelburne,	1,515	12	7	5	-	9	1	1	1	-
Shutesbury,	374	8	6	2	-	7	-	-	1	-
Sunderland,	910	37	13	24	-	7	30	-	-	-
Warwick,	527	12	7	5	-	5	1	3	3	-
Wendell,	480	11	5	6	-	5	5	1	-	-
Whately,	822	12	3	9	-	5	5	1	1	-
Hampden,	196,013	6,260	3,260	2,999	1	1,927	3,354	455	514	10
Agawam,	2,795	76	42	34	-	29	31	7	9	-
Blandford,	746	19	8	11	-	15	1	1	2	-
Brimfield,	894	7	3	4	-	5	-	-	2	-
Chester,	1,366	34	20	14	-	21	6	2	5	-
Chicopee,	20,191	912	466	446	-	160	642	47	63	-
East Longmeadow,	1,327	30	19	11	-	16	11	1	2	-
Granville,	865	5	2	3	-	5	-	-	-	-
Hampden,	561	11	7	4	-	8	-	2	1	-
Holland,	151	2	1	1	-	2	-	-	-	-
Holyoke,	49,934	1,595	828	767	-	336	957	149	151	2
Longmeadow,	964	8	3	5	-	6	1	1	-	-
Ludlow,	3,881	176	95	81	-	45	97	18	16	-
Monson,	4,344	71	35	36	-	39	23	5	4	-
Montgomery,	259	1	-	1	-	1	-	-	-	-
Palmer,	7,755	260	141	119	-	62	163	15	20	-
Russell,	1,053	31	19	12	-	19	11	-	1	-
Southwick,	1,048	13	7	6	-	10	3	-	-	-
Springfield,	73,540	2,258	1,206	1,051	1	878	1,020	167	189	4
Tolland,	274	2	2	-	-	2	-	-	-	-
Wales,	645	6	3	3	-	4	-	1	1	-
West Springfield,	8,101	202	89	113	-	95	79	13	13	2
Westfield,	13,611	452	220	232	-	152	249	22	28	1
Wilbraham,	1,708	89	44	45	-	17	60	4	7	1
Hampshire,	62,227	1,510	792	717	1	544	736	107	120	3
Amherst,	5,313	95	50	45	-	59	23	7	4	2
Belchertown,	2,088	37	14	23	-	19	14	1	3	-
Chesterfield,	563	12	4	8	-	11	-	1	-	-
Cummington,	740	8	2	6	-	8	-	-	-	-
Easthampton,	6,808	264	146	118	-	68	152	22	22	-
Enfield,	973	12	7	5	-	6	5	1	-	-
Goshen,	277	6	5	1	-	5	1	-	-	-
Granby,	747	12	6	6	-	1	10	-	1	-
Greenwich,	475	3	3	-	-	2	1	-	-	-
Hadley,	1,895	74	29	45	-	12	61	-	1	-
Hatfield,	1,779	62	29	33	-	14	44	1	3	-
Huntington,	1,451	26	15	11	-	18	2	1	5	-
Middlefield,	399	7	4	3	-	5	-	2	-	-
Northampton,	19,957	438	231	207	-	172	193	37	36	-
Pelham,	460	11	7	4	-	10	-	1	-	-
Plainfield,	382	11	6	5	-	11	-	-	-	-
Prescott,	322	4	2	2	-	3	-	-	1	-

Registered during the Year 1909 — Continued.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			Number whose Ages are registered.	AGE.	
	Native.	Foreign.	Native Groom.	Foreign Groom.	Unknown.		Males.	Females.	Native.	Foreign.	Unknown.		Aggregate.	Average.
26	11	12	1	2	-	35	22	13	30	5	-	-	-	-
9	6	1	-	2	-	16	9	7	11	5	-	-	-	-
1	1	-	-	-	-	9	5	4	9	-	-	-	-	-
83	67	8	6	2	-	121	56	65	97	22	2	-	-	-
3	3	-	-	-	-	6	3	3	6	-	-	-	-	-
1	1	-	-	-	-	6	3	3	5	1	-	-	-	-
1	1	-	-	-	-	7	1	6	7	-	-	-	-	-
1	1	-	-	-	-	3	2	1	3	-	-	-	-	-
-	-	-	-	-	-	1	-	1	1	-	-	-	-	-
54	22	27	1	4	-	115	72	43	79	35	1	-	-	-
5	4	-	-	1	-	13	6	7	12	1	-	-	-	-
8	6	-	-	2	-	13	4	9	13	-	-	-	-	-
34	26	1	2	5	-	75	43	32	62	13	-	-	-	-
1	-	-	1	-	-	7	4	3	5	2	-	-	-	-
11	10	-	-	1	-	30	15	15	23	7	-	-	-	-
-	-	-	-	-	-	6	2	4	6	-	-	-	-	-
12	2	10	-	-	-	13	9	4	10	2	1	-	-	-
3	3	-	-	-	-	8	4	4	5	3	-	-	-	-
1	1	-	-	-	-	7	6	1	7	-	-	-	-	-
5	2	3	-	-	-	16	7	9	13	3	-	-	-	-
2,187	937	842	194	214	-	3,601	1,844	1,757	2,598	985	18	3,599	121,168	33.67
16	11	2	2	1	-	44	23	21	30	13	1	-	-	-
3	3	-	-	-	-	13	5	8	11	2	-	-	-	-
7	6	-	-	1	-	19	6	13	17	2	-	-	-	-
1	1	-	-	-	-	22	10	12	21	1	-	-	-	-
263	73	139	21	30	-	393	204	189	265	127	1	-	-	-
5	4	1	-	-	-	11	9	2	7	4	-	-	-	-
5	5	-	-	-	-	9	5	4	8	1	-	-	-	-
2	1	-	-	1	-	8	4	4	7	1	-	-	-	-
3	2	-	1	-	-	3	3	-	2	-	1	-	-	-
556	170	257	68	61	-	997	524	473	650	343	4	-	-	-
15	11	1	2	1	-	14	4	10	9	5	-	-	-	-
104	14	74	10	6	-	65	30	35	50	15	-	-	-	-
34	22	6	3	3	-	118	57	61	86	31	1	-	-	-
-	-	-	-	-	-	3	2	1	3	-	-	-	-	-
94	33	54	5	2	-	120	66	54	92	27	1	-	-	-
1	-	1	-	-	-	13	8	5	9	3	1	-	-	-
3	3	-	-	-	-	7	4	3	6	1	-	-	-	-
827	455	216	68	88	-	1,313	658	655	994	315	4	-	-	-
3	3	-	-	-	-	3	2	1	3	-	-	-	-	-
4	3	-	1	-	-	7	1	6	5	2	-	-	-	-
63	38	14	5	6	-	122	62	60	84	37	1	-	-	-
153	72	60	8	13	-	249	130	119	202	44	3	-	-	-
25	7	17	1	-	-	48	27	21	37	11	-	-	-	-
538	274	178	34	52	-	924	483	441	702	217	5	924	40,912	44.28
55	35	13	4	3	-	63	30	33	57	5	1	-	-	-
11	7	1	1	2	-	34	16	18	28	5	1	-	-	-
4	4	-	-	-	-	15	7	8	15	-	-	-	-	-
4	4	-	-	-	-	17	7	10	16	1	-	-	-	-
101	38	44	9	10	-	104	55	49	71	32	1	-	-	-
4	2	-	-	2	-	16	10	6	15	1	-	-	-	-
-	-	-	-	-	-	3	1	2	2	1	-	-	-	-
5	3	1	-	1	-	5	3	2	4	1	-	-	-	-
-	-	-	-	-	-	10	4	6	10	-	-	-	-	-
14	9	5	-	-	-	23	10	13	17	6	-	-	-	-
17	8	9	-	-	-	24	11	13	21	3	-	-	-	-
10	7	2	1	-	-	29	19	10	22	6	1	-	-	-
-	-	-	-	-	-	5	4	1	2	3	-	-	-	-
170	92	50	10	18	-	336	183	153	233	103	-	-	-	-
1	1	-	-	-	-	6	4	2	6	-	-	-	-	-
5	5	-	-	-	-	7	3	4	7	-	-	-	-	-
3	3	-	-	-	-	12	5	7	11	1	-	-	-	-

TABLE I. — *Births, Marriages and Deaths*

COUNTIES, CITIES AND TOWNS.	Popula- tion, 1905.	BIRTHS.								
		Whole Number.	SEX.			PARENTAGE.				
			Males.	Females.	Unknown.	Native.	Foreign.	Native Father and Foreign Mother.	Foreign Father and Native Mother.	Unknown.
Hampshire — Con.										
South Hadley,	5,054	82	55	27	-	20	37	8	16	1
Southampton,	927	11	7	4	-	6	4	-	1	-
Ware,	8,594	277	141	135	1	63	165	23	26	-
Westhampton,	466	5	4	1	-	4	1	-	-	-
Williamsburg,	1,943	46	21	25	-	20	23	2	1	-
Worthington,	614	7	4	3	-	7	-	-	-	-
Middlesex,	608,499	15,297	7,870	7,423	4	5,336	6,930	1,597	1,400	34
Acton,	2,089	34	19	15	-	16	7	5	6	-
Arlington,	9,668	231	123	108	-	91	85	29	26	-
Ashby,	865	17	9	8	-	11	5	-	1	-
Ashland,	1,597	22	14	8	-	12	8	-	2	-
Ayer,	2,386	49	34	15	-	24	15	6	4	-
Bedford,	1,208	21	10	11	-	10	8	2	1	-
Belmont,	4,360	84	42	42	-	24	44	11	5	-
Billerica,	2,843	44	22	22	-	19	17	3	5	-
Boxborough,	324	7	3	4	-	3	2	-	2	-
Burlington,	588	11	7	4	-	7	1	1	2	-
Cambridge,	97,434	2,643	1,372	1,271	-	812	1,334	261	234	2
Carlisle,	523	10	8	2	-	5	3	2	-	-
Chelmsford,	4,254	72	29	43	-	28	23	12	9	-
Concord,	5,421	94	43	51	-	35	41	12	6	-
Draeut,	3,537	87	39	48	-	20	50	5	11	1
Dunstable,	412	5	2	3	-	2	1	-	2	-
Everett,	29,111	810	423	387	-	280	357	88	83	2
Framingham,	11,548	277	150	127	-	138	84	30	21	4
Groton,	2,253	29	18	11	-	17	6	2	3	1
Holliston,	2,663	35	12	23	-	20	9	1	5	-
Hopkinton,	2,585	30	13	17	-	19	4	3	4	-
Hudson,	6,217	141	74	67	-	49	65	17	10	-
Lexington,	4,530	86	50	36	-	40	31	9	6	-
Lincoln,	1,122	17	10	7	-	8	6	1	2	-
Littleton,	1,219	20	11	9	-	8	8	2	2	-
Lowell,	94,889	2,648	1,350	1,297	1	603	1,487	281	276	1
Malden,	38,037	1,039	503	535	1	282	569	91	84	13
Marlborough,	14,073	323	181	142	-	155	93	32	42	1
Maynard,	5,811	251	131	120	-	39	189	15	8	-
Medford,	19,686	535	286	249	-	261	143	70	61	-
Melrose,	14,295	255	135	120	-	127	63	39	24	2
Natick,	9,609	175	85	88	2	93	45	23	13	1
Newton,	36,827	838	429	409	-	336	355	88	59	-
North Reading,	903	19	10	9	-	7	7	2	3	-
Pepperell,	3,268	54	33	21	-	30	15	5	4	-
Reading,	5,682	117	58	59	-	57	29	16	15	-
Sherborn,	1,379	19	7	12	-	8	8	2	1	-
Shirley,	1,692	55	29	26	-	9	39	3	4	-
Somerville,	69,272	1,756	928	828	-	677	707	195	176	1
Stoneham,	6,332	146	72	74	-	80	37	17	11	1
Stow,	1,027	20	9	11	-	8	4	3	5	-
Sudbury,	1,159	17	9	8	-	8	7	1	1	-
Tewksbury,	4,415	35	15	20	-	18	9	6	2	-
State Infirmary,	-	181	88	93	-	57	113	8	2	1
Townsend,	1,772	32	14	18	-	26	1	3	2	-
Tyngsborough,	768	19	7	12	-	9	6	3	1	-
Wakefield,	10,268	265	124	141	-	87	112	37	29	-
Waltham,	26,282	579	301	278	-	225	240	66	48	-
Watertown,	11,258	401	198	203	-	137	202	35	26	1
Wayland,	2,220	31	15	16	-	22	4	4	1	-
Westford,	2,413	67	33	34	-	19	32	9	7	-
Weston,	2,091	29	16	13	-	20	6	2	1	-
Wilmington,	1,670	43	20	23	-	24	10	2	7	-
Winchester,	8,242	169	84	85	-	80	67	15	6	1
Woburn,	14,402	303	163	140	-	134	117	22	29	1
Nantucket,	2,930	54	30	24	-	35	6	10	3	-

Registered during the Year 1909 — Continued.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			Number whose Ages are registered.	AGE.	
	Native.	Foreign.	Native Groom.	Foreign Groom.	Unknown.		Males.	Females.	Native.	Foreign.	Unknown.		Aggregate.	Average.
20	11	5	1	3	-	44	26	18	33	11	-	-	-	-
2	2	-	-	-	-	18	9	9	15	3	-	-	-	-
85	32	34	7	12	-	116	61	55	87	28	1	-	-	-
1	-	-	1	-	-	4	2	2	-	-	-	-	-	-
23	8	14	-	1	-	24	8	16	17	7	-	-	-	-
3	3	-	-	-	-	9	5	4	9	-	-	-	-	-
4,908	2,291	1,487	608	522	-	9,725	4,882	4,843	6,549	3,124	52	9,718	395,315	40.68
11	7	-	3	1	-	27	16	11	20	7	-	-	-	-
66	28	21	10	7	-	119	53	66	89	30	-	-	-	-
7	5	1	1	-	-	10	6	4	9	1	-	-	-	-
10	4	1	4	1	-	35	11	24	23	12	-	-	-	-
21	15	1	3	2	-	39	25	14	30	9	-	-	-	-
8	6	-	1	1	-	20	15	5	17	3	-	-	-	-
22	13	5	1	3	-	71	48	23	64	7	-	-	-	-
13	10	1	-	2	-	22	4	18	15	7	-	-	-	-
-	-	-	-	-	-	2	2	-	2	-	-	-	-	-
1	-	-	1	-	-	11	5	6	10	1	-	-	-	-
819	339	290	96	94	-	1,517	752	765	963	544	10	-	-	-
5	4	-	1	1	-	9	3	6	7	1	-	-	-	-
25	16	4	3	2	-	67	41	26	52	15	-	-	-	-
40	26	7	5	2	-	52	25	27	39	12	1	-	-	-
4	1	2	1	1	-	55	31	24	37	17	1	-	-	-
2	2	-	-	-	-	6	2	4	6	-	-	-	-	-
236	127	56	31	22	-	392	190	202	270	122	-	-	-	-
129	77	27	14	11	-	211	106	105	158	50	3	-	-	-
14	12	-	2	-	-	26	14	12	21	3	2	-	-	-
15	10	1	1	3	-	40	20	20	30	10	-	-	-	-
13	11	2	-	-	-	42	21	21	27	15	-	-	-	-
44	20	16	4	4	-	68	40	28	51	17	-	-	-	-
21	12	5	4	-	-	64	33	31	48	15	1	-	-	-
4	1	1	1	1	-	14	2	12	9	5	-	-	-	-
4	4	-	-	-	-	16	9	7	9	7	-	-	-	-
1,030	322	470	116	122	-	1,886	915	971	1,204	673	9	-	-	-
311	142	85	52	32	-	528	245	283	362	166	-	-	-	-
94	72	6	6	10	-	221	112	109	157	63	1	-	-	-
85	12	65	1	7	-	85	48	37	52	33	-	-	-	-
131	66	27	22	16	-	273	119	154	204	69	-	-	-	-
112	73	17	14	8	-	187	70	117	148	38	1	-	-	-
82	53	15	7	7	-	140	67	73	105	32	3	-	-	-
280	122	90	43	25	-	442	210	232	329	113	-	-	-	-
5	3	-	-	2	-	29	17	12	23	6	-	-	-	-
16	13	1	2	-	-	39	19	20	32	7	-	-	-	-
41	26	6	5	4	-	73	34	39	65	8	-	-	-	-
5	4	-	-	1	-	16	9	7	13	3	-	-	-	-
19	7	9	1	2	-	25	14	11	23	2	-	-	-	-
513	280	102	73	58	-	988	472	516	661	323	4	-	-	-
51	32	6	7	6	-	92	45	47	69	23	-	-	-	-
4	3	1	-	-	-	12	4	8	10	2	-	-	-	-
2	1	-	-	1	-	11	4	7	9	2	-	-	-	-
6	4	-	2	-	-	19	8	11	15	4	-	-	-	-
-	-	-	-	-	-	625	437	188	287	327	11	-	-	-
10	10	-	-	-	-	38	18	20	32	6	-	-	-	-
3	3	-	-	-	-	12	5	7	8	4	-	-	-	-
95	48	29	8	10	-	117	55	62	84	33	-	-	-	-
210	91	62	31	26	-	394	197	197	282	111	1	-	-	-
78	43	16	12	7	-	158	77	81	106	52	-	-	-	-
11	7	-	2	2	-	23	17	6	14	9	-	-	-	-
18	5	7	5	1	-	35	20	15	24	10	1	-	-	-
7	6	-	-	1	-	10	5	5	9	1	-	-	-	-
9	8	1	-	-	-	24	14	10	21	3	-	-	-	-
55	32	13	6	4	-	74	37	37	56	16	2	-	-	-
91	53	18	8	12	-	214	114	100	139	75	-	-	-	-
31	19	7	3	2	-	70	35	35	64	6	-	70	4,040	57.71

TABLE I. — *Births, Marriages and Deaths*

COUNTIES, CITIES AND TOWNS.	Popula- tion, 1905.	BIRTHS.								
		Whole Number.	SEX.			PARENTAGE.				
			Males.	Females.	Unknown.	Native.	Foreign.	Native Father and Foreign Mother.	Foreign Father and Native Mother.	Unknown.
Norfolk,	167,537	3,772	1,893	1,878	1	1,447	1,629	387	304	5
Avon,	1,901	29	15	14	-	18	7	2	2	-
Bellingham,	1,686	28	13	15	-	14	10	3	1	-
Braintree,	6,879	183	78	105	-	70	72	25	16	-
Brookline,	23,436	386	191	195	-	162	168	34	22	-
Canton,	4,702	83	42	41	-	45	27	6	5	-
Cohasset,	2,727	56	29	27	-	22	16	12	6	-
Dedham,	7,774	199	95	104	-	88	77	20	14	-
Dover,	636	9	6	3	-	1	3	3	2	-
Foxborough,	3,364	81	42	39	-	49	11	15	6	-
Franklin,	5,244	117	66	51	-	52	46	12	7	-
Holbrook,	2,509	51	26	25	-	32	6	3	10	-
Hyde Park,	14,510	398	198	199	1	126	190	43	38	1
Medfield,	3,314	24	14	10	-	15	4	3	2	-
Medway,	2,650	34	14	20	-	13	13	5	3	-
Millis,	1,252	22	11	11	-	11	8	1	2	-
Milton,	7,054	129	78	51	-	65	34	17	13	-
Needham,	4,284	100	54	46	-	34	46	15	5	-
Norfolk,	1,089	11	6	5	-	2	7	-	2	-
Norwood,	6,731	246	133	113	-	53	151	22	20	-
Plainville,	1,300	22	9	13	-	13	5	3	1	-
Quincy,	28,076	860	416	444	-	220	498	69	73	-
Randolph,	4,034	57	27	30	-	33	12	7	5	-
Sharon,	2,035	27	12	15	-	15	7	5	-	-
Stoughton,	5,959	142	71	71	-	59	62	13	6	2
Walpole,	4,003	112	65	47	-	50	36	14	12	-
Wellesley,	6,189	78	36	42	-	29	33	7	9	-
Westwood,	1,136	15	9	6	-	10	3	1	1	-
Weymouth,	11,585	258	130	128	-	136	75	27	18	2
Wrentham,	1,428	15	7	8	-	10	2	-	3	-
Plymouth,	127,932	2,989	1,527	1,458	4	1,310	1,126	273	268	12
Abington,	5,081	109	56	53	-	63	27	14	5	-
Bridgewater,	6,754	125	60	65	-	49	58	11	7	-
Brockton,	47,794	1,392	726	664	2	547	609	108	128	-
Carver,	1,410	29	15	14	-	13	12	1	3	-
Duxbury,	2,028	33	20	13	-	19	5	5	4	-
East Bridgewater,	3,169	49	28	21	-	29	9	5	6	-
Halifax,	494	10	4	6	-	4	5	1	-	-
Hanover,	2,176	31	19	12	-	16	7	7	1	-
Hanson,	1,490	26	11	15	-	15	5	1	5	-
Hingham,	4,819	77	30	46	1	42	17	10	8	-
Hull,	2,060	34	18	16	-	13	12	6	3	-
Kingston,	2,205	39	19	20	-	16	15	5	3	-
Lakeville,	912	17	7	10	-	10	2	2	3	-
Marion,	1,029	20	7	13	-	16	2	2	-	-
Marshfield,	1,763	28	13	15	-	18	4	3	2	1
Mattapoisett,	1,180	25	16	9	-	13	10	1	1	-
Middleborough,	6,888	172	92	80	-	85	46	15	19	7
Norwell,	1,534	28	11	17	-	21	-	5	2	-
Pembroke,	1,261	17	5	12	-	10	2	2	3	-
Plymouth,	11,119	311	161	149	1	94	169	22	24	2
Plympton,	514	7	5	2	-	5	2	-	-	-
Rochester,	1,181	21	10	11	-	11	7	1	2	-
Rockland,	6,287	114	68	46	-	61	26	13	14	-
Scituate,	2,597	34	18	16	-	21	8	3	2	-
Wareham,	3,660	98	42	56	-	48	39	5	6	-
West Bridgewater,	2,006	38	11	27	-	18	10	6	4	-
Whitman,	6,521	105	55	50	-	53	18	19	13	2
Suffolk,	652,362	19,091	9,846	9,241	4	5,234	10,764	1,556	1,507	30
Boston,	595,380	17,584	9,073	8,508	3	4,840	9,880	1,451	1,388	25
Chelsea,	37,289	983	512	470	1	168	703	52	56	4
Revere,	12,659	347	176	171	-	128	155	30	33	1
Winthrop,	7,034	177	85	92	-	98	26	23	30	-

Registered during the Year 1909 — Continued.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			Number whose Ages are registered.	AGE.	
	Native.	Foreign.	Native Groom.	Foreign Groom.	Unknown.		Males.	Females.	Native.	Foreign.	Unknown.		Aggregate.	Average.
1,244	636	361	110	137	-	2,322	1,164	1,158	1,619	693	10	2,321	110,270	47.51
11	9	1	1	-	-	29	15	14	21	8	-	-	-	-
10	4	-	3	3	-	21	10	11	15	6	-	-	-	-
47	21	11	6	9	-	92	36	56	67	24	1	-	-	-
256	109	100	33	14	-	306	132	174	216	90	-	-	-	-
28	17	3	2	6	-	70	41	29	41	29	-	-	-	-
15	13	1	1	-	-	54	28	26	43	10	1	-	-	-
50	31	6	6	7	-	96	43	53	69	27	-	-	-	-
2	1	-	-	1	-	2	1	1	2	-	-	-	-	-
23	14	4	1	4	-	85	59	26	54	29	2	-	-	-
45	29	9	3	4	-	67	29	38	40	27	-	-	-	-
12	11	1	-	-	-	44	27	17	33	11	-	-	-	-
107	55	36	7	9	-	176	92	84	110	66	-	-	-	-
13	6	5	1	1	-	98	40	58	49	48	1	-	-	-
16	13	2	-	-	-	36	22	14	25	10	1	-	-	-
10	7	2	-	1	-	13	3	10	12	1	-	-	-	-
34	20	8	4	2	-	76	42	34	57	19	-	-	-	-
31	17	4	7	3	-	53	28	25	41	12	-	-	-	-
2	1	-	-	-	-	16	11	5	8	7	1	-	-	-
63	17	32	1	13	-	84	47	37	54	30	-	-	-	-
4	3	-	1	-	-	17	9	8	16	1	-	-	-	-
247	89	108	18	32	-	389	204	185	264	124	1	-	-	-
26	22	1	1	2	-	45	23	22	31	14	-	-	-	-
9	8	1	-	-	-	37	19	18	29	8	-	-	-	-
43	24	9	4	6	-	89	43	46	68	20	1	-	-	-
24	14	3	1	6	-	59	27	32	42	17	-	-	-	-
26	12	5	3	6	-	54	21	33	41	13	-	-	-	-
4	4	-	-	-	-	16	8	8	9	7	-	-	-	-
81	61	7	5	8	-	164	89	75	133	30	1	-	-	-
5	4	1	-	-	-	34	15	19	29	5	-	-	-	-
1,026	590	234	105	97	-	1,969	1,057	912	1,498	463	8	1,968	87,775	44.60
31	20	9	1	1	-	72	37	35	53	19	-	-	-	-
41	22	10	3	6	-	217	172	45	96	117	4	-	-	-
439	231	114	50	44	-	633	323	310	484	149	-	-	-	-
11	5	6	-	-	-	22	9	13	19	3	-	-	-	-
14	13	1	-	-	-	28	14	14	25	2	1	-	-	-
23	16	2	1	4	-	60	26	34	49	11	-	-	-	-
1	1	-	-	-	-	7	1	6	5	2	-	-	-	-
19	15	3	-	1	-	35	25	10	34	1	-	-	-	-
10	3	2	1	4	-	32	22	10	25	7	-	-	-	-
34	25	3	4	2	-	70	37	33	56	14	-	-	-	-
9	5	-	3	1	-	26	15	11	18	8	-	-	-	-
20	11	6	1	2	-	29	19	10	25	4	-	-	-	-
5	5	-	-	-	-	14	9	5	13	1	-	-	-	-
12	10	-	2	-	-	19	9	10	18	-	1	-	-	-
15	13	-	-	2	-	31	11	20	25	6	-	-	-	-
8	5	2	-	1	-	24	11	13	22	1	1	-	-	-
67	40	13	6	8	-	103	56	47	84	18	1	-	-	-
3	2	-	-	1	-	20	5	15	18	2	-	-	-	-
3	3	-	-	-	-	21	13	8	18	3	-	-	-	-
118	55	45	10	8	-	161	76	85	130	31	-	-	-	-
3	3	-	-	-	-	4	2	2	3	1	-	-	-	-
3	1	-	-	2	-	13	10	3	12	1	-	-	-	-
47	32	3	9	3	-	77	34	43	59	18	-	-	-	-
9	7	-	1	1	-	47	22	25	39	8	-	-	-	-
31	14	12	4	1	-	88	39	49	73	15	-	-	-	-
6	3	1	2	-	-	32	13	19	24	8	-	-	-	-
44	30	2	7	5	-	84	47	37	71	13	-	-	-	-
7,625	2,727	3,253	855	790	-	11,898	6,312	5,586	7,513	4,234	151	11,898	453,090	38.08
7,165	2,529	3,093	799	744	-	11,059	5,797	5,262	6,938	3,981	140	-	-	-
275	92	136	24	23	-	525	355	170	345	171	9	-	-	-
113	67	20	12	14	-	195	99	96	144	50	1	-	-	-
72	39	4	20	9	-	119	61	58	86	32	1	-	-	-

TABLE I. — *Births, Marriages and Deaths*

COUNTIES, CITIES AND TOWNS.	Popula- tion, 1905.	BIRTHS.								
		Whole Number.	SEX.			PARENTAGE.				
			Males.	Females.	Unknown.	Native.	Foreign.	Native Father and Foreign Mother.	Foreign Father and Native Mother.	Unknown.
Worcester,	362,668	9,717	5,031	4,684	2	3,119	4,788	895	901	14
Ashburnham,	1,851	46	25	21	-	20	16	4	6	-
Athol,	7,197	147	85	62	-	74	47	12	14	-
Auburn,	2,006	49	26	23	-	16	18	7	8	-
Barre,	2,558	75	39	36	-	26	38	8	3	-
Berlin,	906	13	6	7	-	8	5	-	-	-
Blackstone,	5,786	148	80	68	-	52	62	20	14	-
Bolton,	762	8	2	6	-	4	-	2	1	1
Boylston,	649	13	8	5	-	7	6	-	-	-
Brookfield,	2,388	40	24	16	-	20	11	3	6	-
Charlton,	2,089	50	27	23	-	36	7	2	5	-
Clinton,	13,105	336	168	168	-	87	181	43	25	-
Dana,	763	7	6	1	-	5	1	-	1	-
Douglas,	2,120	42	21	21	-	15	19	3	5	-
Dudley,	3,818	141	69	72	-	28	89	16	8	-
Fitchburg,	33,021	1,088	562	524	2	232	658	97	99	2
Gardner,	12,012	417	201	216	-	98	245	30	42	2
Grafton,	5,052	95	44	51	-	38	28	14	15	-
Hardwick,	3,261	113	62	51	-	18	75	7	13	-
Harvard,	1,077	14	8	6	-	10	1	1	2	-
Holden,	2,640	46	18	28	-	23	13	9	1	-
Hopedale,	2,048	32	14	18	-	21	2	5	4	-
Hubbardston,	1,205	19	12	7	-	11	3	4	1	-
Lancaster,	2,406	27	15	12	-	16	5	3	3	-
Leicester,	3,414	40	19	21	-	22	4	11	3	-
Leominster,	14,297	397	213	184	-	142	141	54	59	1
Lunenburg,	1,293	26	13	13	-	17	4	3	2	-
Mendon,	922	12	7	5	-	6	3	2	1	-
Milford,	12,105	353	191	162	-	92	223	21	17	-
Millbury,	4,631	93	51	42	-	48	18	14	13	-
New Braintree,	477	5	4	1	-	2	3	-	-	-
North Brookfield,	2,617	50	24	26	-	32	10	6	2	-
Northborough,	1,947	29	19	10	-	18	4	4	3	-
Northbridge,	7,400	253	119	134	-	62	144	22	25	-
Oakham,	519	8	5	3	-	6	1	1	-	-
Oxford,	2,927	70	34	36	-	31	19	9	11	-
Paxton,	444	6	3	3	-	2	2	2	-	-
Petersham,	855	13	5	8	-	11	1	-	1	-
Phillipston,	442	9	3	6	-	7	1	1	-	-
Princeton,	907	9	7	2	-	4	3	1	1	-
Royalston,	903	9	3	6	-	5	2	1	1	-
Rutland,	1,713	13	6	7	-	5	4	2	2	-
Shrewsbury,	1,866	22	10	12	-	10	8	2	2	-
Southborough,	1,931	37	20	17	-	10	22	3	2	-
Southbridge,	11,000	361	195	166	-	124	146	39	52	-
Spencer,	7,121	124	64	60	-	92	8	7	17	-
Sterling,	1,315	19	10	9	-	7	8	3	1	-
Sturbridge,	1,974	41	16	25	-	17	8	11	5	-
Sutton,	3,173	87	45	42	-	29	35	12	11	-
Templeton,	3,783	99	59	40	-	52	29	11	6	1
Upton,	2,024	39	23	16	-	27	6	2	4	-
Uxbridge,	3,881	101	47	54	-	44	31	12	14	-
Warren,	4,300	164	81	83	-	33	105	11	14	1
Webster,	10,018	379	193	186	-	69	236	35	39	-
West Boylston,	1,571	14	8	6	-	6	7	1	-	-
West Brookfield,	1,384	16	7	9	-	11	2	1	2	-
Westborough,	5,378	49	24	25	-	27	15	4	3	-
Westminster,	1,348	19	6	13	-	12	4	2	1	-
Winchendon,	5,933	140	77	63	-	60	39	18	23	-
Worcester,	128,135	3,645	1,898	1,747	-	1,112	1,962	277	288	6

Registered during the Year 1909 — Concluded.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			Number whose Ages are registered.	AGE.	
	Native.	Foreign.	Native Groom.	Foreign Groom.	Unknown.		Males.	Females.	Native.	Foreign.	Unknown.		Aggregate.	Average.
3,173	1,386	1,159	302	326	-	5,880	2,995	2,885	4,045	1,806	29	5,880	241,980	41.15
10	10	-	-	-	-	37	19	18	35	2	-	-	-	-
84	47	22	6	9	-	118	59	59	105	12	1	-	-	-
13	9	1	3	-	-	28	10	18	20	8	-	-	-	-
14	10	3	1	-	-	40	18	22	32	8	-	-	-	-
4	4	-	-	-	-	11	5	6	11	-	-	-	-	-
33	21	8	1	3	-	63	32	31	40	23	-	-	-	-
4	3	1	-	-	-	9	4	5	8	-	1	-	-	-
2	2	-	-	-	-	8	4	4	6	2	-	-	-	-
15	12	3	-	-	-	31	17	14	26	5	-	-	-	-
11	8	2	1	-	-	33	17	16	27	6	-	-	-	-
106	35	44	16	11	-	192	91	101	109	82	1	-	-	-
4	3	-	-	1	-	7	3	4	7	-	-	-	-	-
20	8	9	2	1	-	36	17	19	23	12	1	-	-	-
17	6	7	1	3	-	51	30	21	39	12	-	-	-	-
293	89	161	21	22	-	464	250	214	326	138	-	-	-	-
135	42	63	10	20	-	208	108	100	137	71	-	-	-	-
50	26	12	5	7	-	106	54	52	68	37	1	-	-	-
53	8	41	2	2	-	50	26	24	41	9	-	-	-	-
1	1	-	-	-	-	21	14	7	15	6	-	-	-	-
20	12	3	2	3	-	23	9	14	16	7	-	-	-	-
7	2	1	1	3	-	13	9	4	12	1	-	-	-	-
6	5	1	-	-	-	16	8	8	12	3	1	-	-	-
3	1	-	1	1	-	44	22	22	35	8	1	-	-	-
21	11	3	3	4	-	44	19	25	26	18	-	-	-	-
130	67	29	18	16	-	215	103	112	163	51	1	-	-	-
6	3	1	1	1	-	16	8	8	13	3	-	-	-	-
1	1	-	-	-	-	16	11	5	13	3	-	-	-	-
112	38	52	11	11	-	189	88	101	123	65	1	-	-	-
39	24	3	8	4	-	67	37	30	39	28	-	-	-	-
1	1	-	-	-	-	3	2	1	2	1	-	-	-	-
20	12	1	2	-	-	49	30	19	36	13	-	-	-	-
12	10	-	-	2	-	28	12	16	19	9	-	-	-	-
67	22	36	3	6	-	121	67	54	76	45	-	-	-	-
1	1	-	-	-	-	14	7	7	12	2	-	-	-	-
28	13	6	3	6	-	56	31	25	40	14	2	-	-	-
-	-	-	-	-	-	7	3	4	6	1	-	-	-	-
4	3	-	-	1	-	11	4	7	8	3	-	-	-	-
1	1	-	-	-	-	8	5	3	7	1	-	-	-	-
5	3	-	2	-	-	16	10	6	13	3	-	-	-	-
3	3	-	-	-	-	8	3	5	8	-	-	-	-	-
5	3	-	2	-	-	61 ¹	44	17	43	18	-	-	-	-
9	7	-	-	2	-	35	18	17	28	7	-	-	-	-
9	5	1	2	1	-	29	14	15	21	8	-	-	-	-
124	52	49	9	14	-	163	61	102	112	50	1	-	-	-
41	30	3	2	6	-	95	45	50	66	28	1	-	-	-
13	9	1	2	1	-	27	12	15	21	6	-	-	-	-
15	9	1	5	-	-	34	17	17	25	9	-	-	-	-
18	9	3	1	5	-	51	27	24	41	10	-	-	-	-
18	13	1	1	3	-	60	31	29	47	12	1	-	-	-
22	20	1	1	-	-	29	15	14	25	4	-	-	-	-
45	23	4	10	8	-	65	38	27	48	17	-	-	-	-
40	14	23	1	2	-	94	46	48	76	18	-	-	-	-
127	41	59	15	12	-	136	68	68	91	44	1	-	-	-
11	9	2	-	-	-	19	8	11	16	3	-	-	-	-
7	5	1	1	-	-	26	10	16	19	6	1	-	-	-
28	16	4	6	2	-	148	84	64	105	41	2	-	-	-
9	8	-	1	-	-	29	17	12	22	6	1	-	-	-
43	21	10	7	5	-	88	49	39	73	15	-	-	-	-
1,233	515	483	112	123	-	2,214	1,125	1,089	1,412	792	10	-	-	-

1 Fifty-two non-residents. (State Sanatorium.)

BIRTHS, 1909.

SUPPLEMENT A.
PLURALITY CASES — 1909.
(Included in Tables I. and II.)

THE YEAR.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes County.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
{	Totals, . .	1,774	12	56	170	4	177	20	159	40	314	—	99	50	451	222
	Males, . .	899	9	26	85	2	93	9	83	17	170	—	46	31	204	124
	Females, . .	875	3	30	85	2	84	11	76	23	144	—	53	19	247	98

SUPPLEMENT B.
TRIPLET CASES — 1909.
(Included in Supplement A.)

STATE AND COUNTIES.	Number of Cases.	SEX.		PARENTAGE IN EACH CASE.		
		Males.	Females.	Native.	Foreign.	Native Father and Foreign Mother.
MASSACHUSETTS,	4	6	6	1	2	1
ESSEX,	1	1	2	—	—	1
HAMPDEN,	1	3	—	1	—	—
NORFOLK,	1	2	1	—	1	—
SUFFOLK,	1	—	3	—	1	—

SUPPLEMENT C.

*Showing Number of Births in Each City, and in 64 Towns over and 257 Towns
UNDER 5,000 Population, Census of 1905.*

	Whole Number.	SEX.		
		Males.	Females.	Unknown.
MASSACHUSETTS,	84,039	43,339	40,679	21
BEVERLY,	416	212	204	—
BOSTON,	17,584	9,073	8,508	3
BROCKTON,	1,392	726	664	2
CAMBRIDGE,	2,643	1,372	1,271	—
CHELSEA,	983	512	470	1
CHICOPEE,	912	466	446	—
EVERETT,	810	423	387	—
FALL RIVER,	4,692	2,450	2,242	—
FITCHBURG,	1,088	562	524	2
GLOUCESTER,	506	261	245	—
HAVERHILL,	893	478	415	—
HOLYOKE,	1,595	828	767	—
LAWRENCE,	2,748	1,434	1,313	1
LOWELL,	2,648	1,350	1,297	1
LYNN,	2,037	1,020	1,017	—
MALDEN,	1,039	503	535	1
MARLBOROUGH,	323	181	142	—
MEDFORD,	535	286	249	—
MELROSE,	255	135	120	—
NEW BEDFORD,	3,836	1,957	1,879	—
NEWBURYPORT,	320	156	164	—
NEWTON,	838	429	409	—
NORTH ADAMS,	513	273	240	—
NORTHAMPTON,	438	231	207	—
PITTSFIELD,	746	393	353	—
QUINCY,	860	416	444	—
SALEM,	1,160	634	526	—
SOMERVILLE,	1,756	928	828	—
SPRINGFIELD,	2,258	1,206	1,051	1
TAUNTON,	887	447	440	—
WALTHAM,	579	301	278	—
WOBURN,	303	163	140	—
WORCESTER,	3,645	1,898	1,747	—
33 CITIES,	61,238	31,704	29,522	12
64 Towns over 5,000 population in 1905,	14,006	7,150	6,849	7
257 Towns under 5,000 population in 1905,	8,795	4,485	4,308	2

TABLE III. — STILL-BORN. — 1909.

Distinguishing by Counties and by Sex the Registered Number of Still-births during the Year.

THE YEAR.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes County.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
	Totals, .	3,102	19	91	339	8	412	38	227	40	567	3	129	82	768	379
	Males, .	1,834	7	59	210	4	222	19	156	22	337	2	72	48	437	239
	Females, .	1,219	11	32	129	4	184	19	69	18	200	1	55	32	330	135
	Unknown, .	49	1	—	—	—	6	—	2	—	30	—	2	2	1	5

MARRIAGES, 1909.

TABLE IV. — MARRIAGES.

Distinguishing by Counties and by Months the Num-

Year and Months.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes County.	Essex.
THE YEAR,	29,002	191	867	3,092	28	3,792
January,	1,993	12	51	253	1	264
February,	2,182	8	74	254	1	275
March,	1,076	12	20	106	1	127
April,	2,363	13	66	232	2	286
May,	2,019	16	68	229	1	268
June,	3,987	20	124	390	4	520
July,	2,047	13	66	231	3	262
August,	2,207	14	70	273	1	310
September,	2,979	23	74	314	2	410
October,	3,328	24	110	327	5	433
November,	3,153	24	91	353	5	418
December,	1,668	12	53	130	2	219

TABLE IV. — MARRIAGES.

ber of Marriages Registered during the Year 1909.

Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
300	2,187	538	4,908	31	1,244	1,026	7,625	3,173
20	146	31	311	1	66	71	562	204
27	189	45	353	—	75	75	570	236
8	68	15	156	1	54	38	368	102
19	171	36	449	4	114	80	611	280
24	176	47	300	4	67	70	481	268
40	278	78	767	4	181	156	1,016	409
23	177	41	324	3	71	95	504	234
23	155	42	344	4	78	50	589	254
27	222	54	538	3	132	92	744	344
35	266	63	590	3	179	131	821	341
32	244	62	503	1	142	108	832	338
22	95	24	273	3	85	60	527	163

TABLE V.—MARRIAGES.—1909.

STATE AND COUNTIES: *By Age Periods.*

STATE AND COUNTIES.	ALL AGES.	14.	15.	16.	17.	18.	19.	20 to 25.
STATE TOTALS:								
Grooms,	29,002	—	—	6	38	197	444	10,462
Brides,	29,002	4	48	233	633	1,832	2,315	12,134
BARNSTABLE:								
Grooms,	191	—	—	1	—	2	1	63
Brides,	191	—	4	4	5	18	12	73
BERKSHIRE:								
Grooms,	867	—	—	—	—	8	18	341
Brides,	867	—	3	8	27	70	66	335
BRISTOL:								
Grooms,	3,092	—	—	1	8	25	72	1,391
Brides,	3,092	1	4	27	90	277	312	1,366
DUKES:								
Grooms,	28	—	—	—	—	—	1	10
Brides,	28	—	—	1	—	1	4	11
ESSEX:								
Grooms,	3,792	—	—	—	6	31	66	1,422
Brides,	3,792	—	5	30	90	258	316	1,609
FRANKLIN:								
Grooms,	300	—	—	1	1	2	8	127
Brides,	300	—	1	8	12	25	31	127
HAMPDEN:								
Grooms,	2,187	—	—	—	2	18	33	944
Brides,	2,187	—	2	20	48	165	214	1,033
HAMPSHIRE:								
Grooms,	538	—	—	—	—	1	9	227
Brides,	538	—	2	5	13	41	60	221
MIDDLESEX:								
Grooms,	4,908	—	—	1	3	40	70	1,574
Brides,	4,908	—	6	30	90	275	320	1,915
NANTUCKET:								
Grooms,	31	—	—	—	—	—	—	4
Brides,	31	—	—	—	1	—	1	10
NORFOLK:								
Grooms,	1,244	—	—	—	2	12	14	368
Brides,	1,244	—	2	8	26	59	85	487
PLYMOUTH:								
Grooms,	1,026	—	—	—	3	12	24	374
Brides,	1,026	—	1	10	35	74	99	410
SUFFOLK:								
Grooms,	7,625	—	—	2	8	23	73	2,412
Brides,	7,625	2	14	55	115	363	522	3,170
WORCESTER:								
Grooms,	3,173	—	—	—	5	23	55	1,205
Brides,	3,173	1	4	27	81	206	273	1,367

TABLE V. — MARRIAGES. — 1909.

STATE AND COUNTIES: *By Age Periods.*

25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
8,821 6,268	4,060 2,633	2,143 1,421	1,096 669	668 378	429 208	251 120	178 59	123 32	53 9	29 5	4 1
49 31	29 14	9 8	7 8	7 4	11 4	2 4	4 1	5 1	— —	1 —	— —
232 178	98 72	68 49	32 31	26 15	15 6	10 1	8 3	7 3	3 —	1 —	— —
810 545	362 195	170 123	88 63	61 45	36 23	30 11	21 8	10 1	4 —	3 —	— 1
7 4	5 3	1 3	1 1	2 —	— —	— —	1 —	— —	— —	— —	— —
1,134 773	487 319	261 166	151 95	94 66	62 31	27 19	21 9	17 5	7 1	3 —	3 —
82 50	28 16	19 14	14 6	5 3	4 3	2 1	1 1	3 1	2 1	1 —	— —
653 411	261 136	123 86	63 26	32 23	20 10	13 5	11 4	8 3	3 1	3 —	— —
146 110	68 36	37 23	15 11	11 7	10 3	4 1	5 3	2 1	3 1	— —	— —
1,522 1,193	796 571	414 259	186 112	103 63	82 41	53 21	31 4	21 6	9 1	3 1	— —
11 6	6 5	3 4	1 1	2 1	1 1	2 —	— —	— —	1 —	— 1	— —
422 323	197 123	108 65	54 30	20 12	13 11	14 6	2 5	10 1	5 1	3 —	— —
277 213	149 80	60 45	47 22	24 10	18 11	13 9	11 6	11 1	2 —	1 —	— —
2,461 1,764	1,195 815	671 441	330 191	200 94	124 35	57 29	44 9	15 2	5 2	5 2	— —
1,015 667	379 248	199 135	107 72	81 35	33 29	24 13	18 6	14 7	9 1	5 1	1 —

TABLE VI.—MARRIAGES.—1909.

Exhibiting the Social Condition and Ages, respectively, of Parties Married during the Year.

AGGREGATE — Of All Conditions.

[illegible]

(A.) First Marriage of Both Parties.

[illegible]

(B.) First Marriage of Groom and Subsequent Marriage of Bride.

[illegible]

(C.) Subsequent Marriage of Groom and First Marriage of Bride.

[illegible]

TABLE VI. — Concluded.

(D.) Subsequent Marriage of Both Parties.

AGE OF MALES.	AGE OF FEMALES.															
	ALL AGES.	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.	Unknown.
ALL AGES,	1,310	—	33	121	186	259	232	175	131	90	43	28	7	4	1	—
Under 20,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20 to 25, .	10	—	4	4	1	1	—	—	—	—	—	—	—	—	—	—
25 to 30, .	39	—	5	23	7	3	1	—	—	—	—	—	—	—	—	—
30 to 35, .	103	—	8	35	38	18	2	1	1	—	—	—	—	—	—	—
35 to 40, .	175	—	9	29	51	53	22	9	2	—	—	—	—	—	—	—
40 to 45, .	231	—	1	19	51	73	71	10	4	2	—	—	—	—	—	—
45 to 50, .	208	—	5	5	21	51	54	55	14	2	1	—	—	—	—	—
50 to 55, .	172	—	—	2	11	28	43	43	32	10	2	1	—	—	—	—
55 to 60, .	132	—	—	3	3	15	23	27	31	28	1	1	—	—	—	—
60 to 65, .	100	—	1	—	2	9	12	16	19	18	18	4	1	—	—	—
65 to 70, .	79	—	—	1	1	3	4	6	19	16	12	14	1	1	1	—
70 to 75, .	40	—	—	—	—	4	—	5	4	11	5	5	4	2	—	—
75 to 80, .	19	—	—	—	—	1	—	2	5	3	3	3	1	1	—	—
Over 80, .	2	—	—	—	—	—	—	1	—	—	1	—	—	—	—	—
Unknown,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(E.) Conjugal Condition of Persons Married.

GROOMS.	Whole Number of Marriages.	BRIDES.				
		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Fifth Marriage.
Whole number, .	29,002	26,367	2,504	127	4	—
First marriage, .	25,640	24,315	1,287	38	—	—
Second marriage, .	3,135	1,940	1,120	71	4	—
Third marriage, .	209	105	87	17	—	—
Fourth marriage, .	17	7	9	1	—	—
Fifth marriage, .	1	—	1	—	—	—

DEATHS, 1909.

TABLE VII. — DEATHS. — 1909.

Distinguishing by Counties, by Months and by Sex the Registered Number of Persons who died during the Year.

Year and Months.	Sex.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes County.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
The Year.	Totals,	51,236	511	1,519	5,550	77	6,586	604	3,601	924	9,725	70	2,322	1,969	11,898	5,880
	Males,	26,320	262	802	2,805	40	3,308	331	1,844	483	4,882	35	1,164	1,057	6,312	2,995
	Females,	24,916	249	717	2,745	37	3,278	273	1,757	441	4,843	35	1,158	912	5,586	2,885
Jan.	Totals,	4,606	49	116	520	7	593	50	305	75	854	3	216	164	1,144	510
	Males,	2,304	29	54	244	5	283	30	160	31	426	3	118	92	575	254
	Females,	2,302	20	62	276	2	310	20	145	44	428	—	98	72	569	256
Feb.	Totals,	4,179	39	148	420	2	522	41	286	69	861	2	193	161	949	486
	Males,	2,140	21	75	212	1	249	22	150	46	436	1	101	92	485	249
	Females,	2,039	18	73	208	1	273	19	136	23	425	1	92	69	464	237
Mar.	Totals,	4,940	45	138	487	4	622	67	327	85	938	13	242	196	1,238	538
	Males,	2,489	24	70	238	2	308	37	173	47	455	6	120	97	643	269
	Females,	2,451	21	68	249	2	314	30	154	38	483	7	122	99	595	269
Apr.	Totals,	4,433	50	141	421	6	542	43	295	78	849	9	221	169	1,097	512
	Males,	2,242	21	82	189	3	267	20	153	46	433	5	100	94	574	255
	Females,	2,191	29	59	232	3	275	23	142	32	416	4	121	75	523	257
May.	Totals,	4,304	39	124	419	6	569	53	316	99	826	2	202	160	1,009	480
	Males,	2,201	23	66	221	3	286	28	170	48	401	—	93	85	542	235
	Females,	2,103	16	58	198	3	283	25	146	51	425	2	109	75	467	245

June.	Totals,	3,819	47	107	400	6	472	59	286	72	743	7	164	166	859	431
	Males,	2,021	26	56	204	2	250	29	139	40	392	4	82	95	478	224
	Females,	1,798	21	51	196	4	222	30	147	32	351	3	82	71	381	207
July.	Totals,	4,012	42	119	536	15	511	53	349	69	689	7	144	142	878	458
	Males,	2,137	19	71	287	9	280	32	172	35	373	4	73	71	483	228
	Females,	1,875	23	48	249	6	231	21	177	34	316	3	71	71	395	230
Aug.	Totals,	4,597	42	143	583	5	647	42	345	68	780	8	214	173	976	571
	Males,	2,467	22	83	302	3	325	27	197	34	411	4	112	90	555	302
	Females,	2,130	20	60	281	2	322	15	148	34	369	4	102	83	421	269
Sept.	Totals,	4,042	50	123	465	4	562	49	254	69	803	3	172	148	877	463
	Males,	2,069	23	59	254	2	275	31	125	36	386	1	94	79	466	238
	Females,	1,973	27	64	211	2	287	18	129	33	417	2	78	69	411	225
Oct.	Totals,	4,049	41	120	490	8	523	53	286	67	746	7	190	158	921	439
	Males,	2,060	18	64	260	4	265	27	144	37	375	3	95	75	473	220
	Females,	1,989	23	56	230	4	258	26	142	30	371	4	95	83	448	219
Nov.	Totals,	3,877	35	103	400	5	494	52	272	88	743	3	179	161	853	489
	Males,	1,959	20	51	195	1	249	29	133	48	361	1	88	87	439	257
	Females,	1,918	15	52	205	4	245	23	139	40	382	2	91	74	414	232
Dec.	Totals,	4,378	32	137	409	9	529	42	280	85	893	6	185	171	1,097	503
	Males,	2,231	16	71	199	5	271	19	128	35	433	3	88	100	599	264
	Females,	2,147	16	66	210	4	258	23	152	50	460	3	97	71	498	239

TABLE VIII.—DEATHS BY AGE AND

Distinguishing by Age and Sex the Number of Deaths registered in Each County according to the Census of 1905,—and also with the Per-

STATE AND COUNTIES.	Popula- tion. Census, 1905.	Sex.	Percentage of Deaths to Population.	No. of Deaths regist'd 1909.	Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.
MASSACHUSETTS,	3,003,680	Tot.,	1.70	51,236	10,693	1,909	822	491	356	1,017	658	1,001
		Ma.,	.	26,320	5,984	1,023	446	278	178	509	339	530
		Fe.,	.	24,916	4,709	886	376	213	178	508	319	471
Barnstable, . . .	26,831	Tot.,	1.90	511	67	9	9	6	4	6	3	8
		Ma.,	.	262	39	5	6	5	1	4	1	4
		Fe.,	.	249	28	4	3	1	3	2	2	4
Berkshire, . . .	98,330	Tot.,	1.54	1,519	303	46	16	8	9	24	29	36
		Ma.,	.	802	181	30	10	2	7	12	14	19
		Fe.,	.	717	122	16	6	6	2	12	15	17
Bristol, . . .	269,257	Tot.,	2.06	5,550	1,818	330	114	61	34	105	72	97
		Ma.,	.	2,805	983	174	59	38	13	59	38	53
		Fe.,	.	2,745	835	156	55	23	21	46	34	44
Dukes County, . .	4,551	Tot.,	1.69	77	11	—	2	—	1	1	1	1
		Ma.,	.	40	5	—	1	—	1	1	1	1
		Fe.,	.	37	6	—	1	—	—	—	—	—
Essex, . . .	381,181	Tot.,	1.73	6,586	1,331	236	111	49	52	133	84	124
		Ma.,	.	3,308	739	133	62	24	28	63	41	64
		Fe.,	.	3,278	592	103	49	25	24	70	43	60
Franklin, . . .	43,362	Tot.,	1.39	604	93	10	5	4	6	11	5	15
		Ma.,	.	331	55	9	3	3	4	4	4	9
		Fe.,	.	273	38	1	2	1	2	7	1	6
Hampden, . . .	196,013	Tot.,	1.84	3,601	1,017	132	53	43	30	74	49	83
		Ma.,	.	1,844	588	70	32	23	12	34	27	40
		Fe.,	.	1,757	429	62	21	20	18	40	22	43
Hampshire, . . .	62,227	Tot.,	1.49	924	170	28	11	10	5	16	8	14
		Ma.,	.	483	106	17	8	7	3	4	4	11
		Fe.,	.	441	64	11	3	3	2	12	4	3
Middlesex, . . .	608,499	Tot.,	1.60	9,725	1,719	332	137	88	76	219	149	176
		Ma.,	.	4,882	994	176	66	51	35	104	85	94
		Fe.,	.	4,843	725	156	71	37	41	115	64	82
Nantucket, . . .	2,930	Tot.,	2.38	70	3	—	—	1	—	1	1	3
		Ma.,	.	35	3	—	—	—	—	—	—	3
		Fe.,	.	35	—	—	—	1	—	1	1	—
Norfolk, . . .	167,537	Tot.,	1.39	2,322	318	57	23	17	12	51	36	33
		Ma.,	.	1,164	183	35	14	9	6	31	25	20
		Fe.,	.	1,158	135	22	9	8	6	20	13	13
Plymouth, . . .	127,932	Tot.,	1.54	1,969	335	53	24	14	7	31	13	46
		Ma.,	.	1,057	192	20	14	8	2	17	9	24
		Fe.,	.	912	143	33	10	6	5	14	4	22
Suffolk, . . .	652,362	Tot.,	1.82	11,898	2,284	489	236	139	93	237	150	245
		Ma.,	.	6,312	1,245	255	131	81	48	122	61	116
		Fe.,	.	5,586	1,039	234	105	58	45	115	89	129
Worcester, . . .	362,668	Tot.,	1.62	5,880	1,224	187	81	51	27	108	58	120
		Ma.,	.	2,995	671	99	40	27	18	54	31	72
		Fe.,	.	2,885	553	88	41	24	9	54	27	48

SEX, AND BY COUNTIES.—1909.

and in the State during the Year 1909,—in Connection with the Population
centage of the Registered Number of Deaths to the Population.

20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 to 85.	85 to 90.	90 to 95.	95 to 100.	100 and over.	Unknown.
1,477 739 738	1,654 825 829	1,886 949 937	2,192 1,142 1,050	2,128 1,153 975	2,288 1,259 1,029	2,474 1,352 1,122	2,714 1,427 1,287	3,186 1,594 1,592	3,484 1,707 1,777	3,583 1,751 1,832	3,027 1,381 1,646	2,223 995 1,228	1,362 555 807	471 161 310	113 82 82	13 1 12	14 11 3
8 4 4	10 5 5	17 12 5	13 4 9	12 6 6	14 5 9	15 12 3	25 13 12	28 12 16	48 26 22	60 31 29	49 23 26	53 21 32	29 15 14	15 7 8	2 — 2	— — —	1 1 —
45 27 18	49 22 27	56 33 23	69 35 34	66 41 25	60 34 26	78 45 33	76 37 39	86 42 44	103 56 47	104 49 55	101 40 61	77 38 39	54 25 29	20 3 17	4 — 4	— — —	— — —
146 70 76	167 87 80	177 89 88	169 85 84	168 72 96	205 111 94	210 105 105	231 112 119	258 128 130	292 181 172	281 129 144	272 93 143	202 93 109	96 36 57	36 10 26	6 1 5	3 3 3	— — —
1 1 —	— — —	3 2 1	1 2 —	2 2 —	2 1 1	2 — 2	7 6 1	6 3 3	10 5 5	7 3 4	6 2 4	5 3 2	4 — 2	3 1 2	1 — 1	— — —	— — —
181 95 86	207 106 113	227 106 121	245 127 118	261 132 129	282 150 132	291 130 161	371 196 211	392 181 240	503 263 240	519 255 264	415 185 230	292 126 166	205 86 119	55 19 36	17 8 9	1 — 1	2 1 —
13 7 6	15 9 6	14 12 2	12 7 5	21 12 9	26 14 12	23 16 17	36 22 14	36 20 16	48 27 21	64 31 33	58 29 29	53 24 15	25 10 5	9 4 1	2 1 —	— — —	— — —
108 51 57	121 61 60	114 47 67	152 63 89	129 73 56	147 89 58	163 71 92	194 100 94	176 88 88	217 106 111	191 87 104	188 86 102	118 56 62	64 26 38	28 10 18	8 2 6	— — —	2 2 —
24 12 12	26 14 12	24 9 15	35 16 19	28 15 13	43 22 21	45 23 22	41 14 27	70 39 31	69 36 33	77 49 28	69 29 40	53 27 26	40 15 25	14 3 11	3 — 3	1 — 1	— — —
309 148 161	300 158 142	387 190 197	430 216 214	396 220 176	462 239 223	455 261 194	542 287 255	674 341 333	668 287 381	742 339 403	645 281 364	415 173 242	270 99 176	92 32 67	26 6 20	2 — 2	7 5 2
1 1 —	1 — 1	1 — 1	2 2 —	— — —	5 3 2	2 2 —	— — —	6 3 3	8 1 7	6 4 2	9 4 5	14 8 6	4 — 3	1 1 1	1 — 1	— — —	— — —
47 23 24	53 27 26	69 32 37	87 38 49	84 44 40	93 49 44	127 64 63	132 64 68	164 78 86	212 115 97	223 103 120	189 83 106	156 65 91	103 40 63	31 15 16	4 2 2	— — —	1 1 —
66 39 27	50 25 25	63 31 32	83 45 38	66 39 27	80 41 39	100 60 40	107 59 48	126 75 51	159 92 67	158 83 75	165 88 77	107 52 55	79 32 47	26 8 18	9 1 8	1 — 1	1 — —
373 179 194	462 228 234	519 285 234	660 376 284	685 381 304	646 393 253	693 413 280	643 350 293	780 397 383	733 376 357	716 377 339	478 230 248	365 158 207	193 84 109	65 23 22	11 9 9	3 2 2	— — —
155 82 73	193 95 98	215 101 114	234 127 107	210 116 94	223 108 115	270 160 110	309 167 142	384 187 197	414 197 217	435 203 232	383 172 211	313 151 162	196 83 113	69 26 43	19 8 11	2 — 2	— — —

TABLE VIII. — SUPPLEMENT A.

CITIES.	Popula- tion. Census, 1905.	Sex.	Percentage of Deaths to Population.	No. of Deaths registered 1909.	Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.
Beverly,	15,223	Tot., Ma., Fe.,	1.71 . .	260 116 144	39 16 23	16 7 9	4 2 2	5 3 2	5 2 3	9 3 6	3 1 2	2 - 2
Boston,	595,386	Tot., Ma., Fe.,	1.86 . .	11,059 5,797 5,262	2,129 1,159 970	465 243 222	224 123 101	128 71 57	83 44 39	222 111 111	143 58 85	227 108 119
Brockton,	47,794	Tot., Ma., Fe.,	1.33 . .	633 323 310	166 87 79	22 7 15	6 5 1	5 3 2	3 2 1	15 9 6	6 5 1	14 5 9
Cambridge,	97,434	Tot., Ma., Fe.,	1.56 . .	1,517 752 765	271 152 119	63 36 27	17 6 11	11 9 2	14 4 10	34 15 19	25 11 14	30 17 13
Chelsea,	37,289	Tot., Ma., Fe.,	1.41 . .	525 355 170	95 58 37	12 6 6	6 3 3	6 5 -	5 2 3	12 8 4	3 1 2	9 6 3
Chicopee,	20,191	Tot., Ma., Fe.,	1.95 . .	393 204 189	155 92 63	25 12 13	6 4 2	7 3 4	3 2 1	10 5 5	1 1 -	6 3 3
Everett,	29,111	Tot., Ma., Fe.,	1.35 . .	392 190 202	61 39 22	20 7 13	6 3 3	3 1 2	6 2 4	14 7 7	5 2 3	5 3 2
Fall River,	105,762	Tot., Ma., Fe.,	2.13 . .	2,254 1,128 1,126	892 492 400	152 78 74	51 32 19	29 17 12	14 4 10	41 24 17	25 11 14	37 17 20
Fitchburg,	33,021	Tot., Ma., Fe.,	1.41 . .	464 250 214	120 65 55	26 14 12	13 8 5	7 4 3	5 5 -	8 5 3	3 1 2	6 3 3
Gloucester,	26,011	Tot., Ma., Fe.,	1.25 . .	326 158 168	66 33 33	7 2 5	8 4 3	4 1 3	1 1 -	6 5 1	7 4 3	4 2 2
Haverhill,	37,830	Tot., Ma., Fe.,	1.66 . .	629 326 303	99 60 39	18 11 7	13 7 6	5 3 2	7 3 4	15 7 8	9 4 5	14 9 5
Holyoke,	49,934	Tot., Ma., Fe.,	1.99 . .	997 524 473	373 218 155	37 22 15	11 8 3	12 6 6	9 6 3	17 9 8	11 4 7	29 15 14
Lawrence,	70,050	Tot., Ma., Fe.,	2.05 . .	1,435 733 702	473 249 224	102 57 45	40 28 12	15 6 9	13 8 5	29 12 17	14 5 9	34 17 17
Lowell,	94,889	Tot., Ma., Fe.,	1.99 . .	1,887 915 972	494 288 206	98 48 50	38 21 17	23 12 11	19 8 11	45 21 24	30 18 12	29 11 18
Lynn,	77,042	Tot., Ma., Fe.,	1.57 . .	1,211 604 607	214 121 93	29 17 12	24 13 11	10 6 4	9 4 5	33 15 18	20 9 11	22 11 11
Malden,	38,037	Tot., Ma., Fe.,	1.39 . .	528 245 283	100 52 48	14 7 7	6 3 3	11 6 5	5 3 2	14 5 9	5 1 4	10 3 7
Marlborough,	14,073	Tot., Ma., Fe.,	1.57 . .	221 112 109	39 27 12	3 2 1	5 3 1	2 1 1	2 - 2	5 3 2	3 1 2	5 4 1
Medford,	19,686	Tot., Ma., Fe.,	1.39 . .	273 119 154	40 22 18	3 2 1	2 - 2	4 2 2	2 - 2	5 3 2	4 3 1	6 3 3
Melrose,	14,295	Tot., Ma., Fe.,	1.31 . .	187 70 117	21 10 11	3 3 -	3 2 1	- - -	1 - 1	4 1 3	3 2 1	4 2 2

DEATHS BY AGE AND SEX, AND BY CITIES. — 1909.

20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 to 85.	85 to 90.	90 to 95.	95 to 100.	100 and over.	Unknown.
6 3 3	7 2 5	12 7 5	5 3 2	9 3 6	14 7 7	9 6 3	12 5 7	15 9 6	18 8 10	21 11 10	22 10 12	18 5 13	7 3 4	1 — 1	1 — 1	— — —	— — —
353 167 186	426 210 216	404 274 220	623 354 269	648 356 292	599 365 234	667 394 273	611 333 278	724 359 365	648 320 328	641 326 315	421 190 231	342 142 200	174 71 103	54 16 38	10 2 8	3 1 2	— — —
22 13 9	13 5 8	24 8 16	28 15 13	27 16 11	36 19 17	30 21 9	31 16 15	28 18 10	39 20 19	36 15 21	34 17 17	26 12 14	16 5 11	4 — 4	2 — 2	— — —	— — —
68 31 37	60 34 26	81 42 39	73 40 33	73 39 34	83 46 37	57 34 23	82 44 38	107 50 57	96 38 58	92 41 51	84 33 51	49 15 21	30 9 34	9 3 6	6 2 4	1 — 1	1 — —
10 8 2	15 9 6	14 8 6	26 16 10	28 21 7	28 18 10	16 12 4	13 8 5	38 30 8	57 40 17	51 39 12	41 29 12	16 13 3	14 9 5	9 5 2	1 — —	— — —	— — —
7 4 3	13 8 5	9 4 5	18 7 11	8 4 4	10 9 1	14 7 7	19 8 11	16 4 12	22 9 13	19 7 12	9 6 3	7 2 5	7 3 4	2 — 2	— — —	— — —	— — —
4 — 4	14 4 10	14 7 7	16 7 9	14 4 10	23 10 13	18 8 10	32 22 10	22 15 12	33 21 18	33 21 12	29 8 21	14 7 7	3 1 2	3 — 1	— — —	— — —	— — —
54 31 23	63 31 32	75 35 40	65 30 35	69 25 44	82 44 38	84 36 48	95 38 57	103 41 62	96 39 57	89 41 48	67 32 35	45 12 23	19 7 12	5 1 4	2 — 2	— — —	— — —
14 7 7	11 7 4	21 9 12	13 7 6	12 6 6	21 10 11	18 11 7	25 14 11	21 13 8	19 8 10	19 13 11	23 13 10	27 12 15	17 7 10	3 1 2	2 1 1	— — —	— — —
9 7 2	11 3 8	15 9 6	11 4 7	11 4 7	8 4 2	15 5 10	19 10 9	14 6 8	32 15 17	25 13 12	24 11 13	16 8 8	11 5 6	— — —	2 — 2	— — —	— — —
17 5 12	12 8 4	22 8 14	28 13 15	28 15 13	30 11 19	34 18 16	32 21 11	45 24 21	45 25 20	58 28 30	39 21 18	26 11 15	27 12 15	4 2 2	2 — 2	— — —	— — —
25 15 10	27 13 18	35 16 22	37 16 21	39 23 16	53 28 25	47 18 29	46 22 24	44 28 26	36 12 24	37 18 19	39 19 20	18 10 8	9 2 7	6 3 3	— — —	— — —	— — —
47 22 25	48 22 30	46 22 24	62 35 27	63 29 34	57 35 22	43 18 25	67 35 32	68 28 40	77 38 39	60 34 26	36 21 15	21 10 9	14 5 9	5 — 5	1 — —	— — —	— — —
55 28 27	47 23 24	88 45 43	90 39 51	74 37 37	82 29 53	76 40 36	90 44 46	114 48 66	100 40 60	109 46 63	85 32 53	52 20 32	27 11 16	15 4 3	4 1 3	1 — 1	1 — —
37 21 16	45 21 24	45 22 23	43 22 21	46 27 19	52 31 24	65 28 34	68 31 40	107 36 42	94 62 45	94 47 47	81 29 52	47 19 28	31 13 18	8 1 7	1 — 1	1 — —	1 — —
16 10 6	15 7 8	13 4 9	29 10 19	23 13 10	28 13 15	22 13 9	22 12 10	39 15 24	34 14 20	46 19 27	39 19 20	26 14 12	7 2 5	3 1 3	1 — 1	— — —	— — —
8 3 5	6 4 2	10 4 6	7 3 4	7 2 5	8 4 4	10 6 4	13 5 8	19 9 10	17 10 7	17 9 8	16 6 10	8 4 4	9 2 7	1 — 1	1 — 1	— — —	— — —
7 2 5	6 — 4	6 1 5	11 6 5	8 5 3	16 9 7	13 6 7	20 8 12	23 13 10	20 8 12	25 8 17	21 5 13	15 3 11	10 3 7	8 — 5	— — —	— — —	— — —
6 3 3	3 — 2	6 2 4	3 3 —	7 1 6	11 3 8	11 3 8	15 6 9	13 4 9	16 5 9	12 6 10	12 5 7	17 3 13	11 3 8	3 1 2	— — —	— — —	— — —

TABLE VIII. — SUPPLEMENT A. — Concluded.

CITIES.	Popula- tion. Census, 1905.	Sex.	Percentage of Deaths to Population.	No. of Deaths regist'd 1909.	Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.
New Bedford, . . .	74,362	Tot., Ma., Fe.,	2.17 . .	1,612 835 777	565 297 268	126 72 54	41 19 22	11 10 1	12 4 8	36 17 19	24 14 10	26 12 14
Newburyport, . . .	14,675	Tot., Ma., Fe.,	1.73 . .	254 121 133	23 17 6	7 4 3	2 1 1	- - 2	5 3 1	4 2 2	3 1 2	7 3 4
Newton,	36,827	Tot., Ma., Fe.,	1.20 . .	442 210 232	76 42 34	10 6 4	7 5 2	5 4 1	3 2 1	6 5 1	10 8 2	6 4 2
North Adams, . . .	22,150	Tot., Ma., Fe.,	1.65 . .	365 199 166	78 46 32	15 6 9	6 3 2	2 - 2	3 1 3	4 1 3	6 4 2	12 6 6
Northampton, . . .	19,957	Tot., Ma., Fe.,	1.68 . .	336 183 153	52 35 17	4 2 2	1 1 -	6 3 3	2 1 1	6 1 5	2 - 2	9 7 2
Pittsfield,	25,001	Tot., Ma., Fe.,	1.82 . .	454 238 216	88 53 35	13 11 2	5 2 3	1 - 1	1 1 -	7 4 3	10 3 7	10 6 4
Quincy,	28,076	Tot., Ma., Fe.,	1.39 . .	389 204 185	83 50 33	16 8 8	4 2 2	6 3 3	- - -	10 5 5	11 6 5	6 4 2
Salem,	37,627	Tot., Ma., Fe.,	1.85 . .	696 345 351	146 92 54	27 15 12	9 4 5	4 2 2	3 1 2	14 6 8	11 7 4	15 9 6
Somerville,	69,272	Tot., Ma., Fe.,	1.43 . .	988 472 516	148 94 54	27 19 8	21 9 12	15 6 9	9 3 5	31 13 18	20 12 8	17 10 7
Springfield,	73,540	Tot., Ma., Fe.,	1.79 . .	1,313 658 655	260 151 109	40 22 18	20 10 10	15 10 5	13 10 11	33 17 16	22 12 10	33 14 19
Taunton,	30,967	Tot., Ma., Fe.,	2.33 . .	720 363 357	150 74 76	23 12 11	10 3 7	10 8 2	2 - 2	10 6 4	13 7 6	13 9 4
Waltham,	26,282	Tot., Ma., Fe.,	1.50 . .	394 197 197	53 30 23	19 11 8	4 2 -	- - 2	4 2 2	16 8 8	11 5 6	15 8 7
Woburn,	14,402	Tot., Ma., Fe.,	1.49 . .	214 114 100	31 18 13	5 1 4	6 4 2	2 2 -	1 1 -	3 - 3	5 4 1	7 4 3
Worcester,	128,135	Tot., Ma., Fe.,	1.73 . .	2,214 1,125 1,089	448 245 203	64 34 30	28 15 13	18 10 8	10 6 4	35 18 17	36 19 17	48 31 17

SUPPLEMENT B. — DEATHS IN 64 TOWNS

64 Towns over 5,000 population, census of 1905.	545,279	Tot., Ma., Fe.,	1.50 . .	8,179 4,153 4,026	1,534 884 650	248 129 119	101 56 45	65 36 29	49 26 23	138 78 60	92 60 32	134 72 62
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SUPPLEMENT C. — DEATHS IN 257 TOWNS

257 Towns under 5,000 population, census of 1905.	444,076	Tot., Ma., Fe.,	1.68 . .	7,476 3,982 3,494	1,111 616 495	150 90 60	74 35 39	44 24 20	33 24 9	126 60 66	62 35 27	150 92 58
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DEATHS BY AGE AND SEX, AND BY CITIES. — 1909.

20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 to 85.	85 to 90.	90 to 95.	95 to 100.	100 and over.	Unknown.
51	54	59	48	42	48	44	59	73	79	73	54	46	31	8	1	1	-
17	29	35	26	21	30	30	31	37	34	32	26	28	12	2	-	-	-
34	25	24	22	21	18	14	28	36	45	41	28	18	19	6	1	1	-
8	6	10	6	20	9	11	20	13	14	26	17	19	15	7	2	-	-
4	1	4	4	9	5	6	8	5	7	10	8	9	5	3	-	-	-
4	5	6	2	11	4	5	12	8	7	16	9	10	10	4	-	-	-
11	14	17	15	17	13	22	28	31	36	27	36	22	20	8	2	-	-
4	3	6	8	8	9	11	11	17	17	10	12	9	6	3	-	-	-
7	11	11	7	9	4	11	17	14	19	17	24	13	14	5	2	-	-
11	13	11	23	16	10	24	16	26	20	18	25	14	7	5	-	-	-
5	5	7	13	12	6	16	8	13	11	13	12	7	4	-	-	-	-
6	8	4	10	4	4	8	8	13	9	5	13	7	3	5	-	-	-
12	11	14	13	14	23	23	19	26	23	25	25	15	8	3	-	-	-
6	9	5	8	11	11	11	6	18	13	17	8	5	5	-	-	-	-
6	2	9	5	3	12	12	13	8	10	8	17	10	3	3	-	-	-
22	21	21	17	25	26	27	29	23	25	31	23	13	12	2	2	-	-
17	9	9	8	16	16	15	15	8	12	13	8	7	5	-	-	-	-
5	12	12	9	9	10	12	14	15	13	18	15	6	7	2	2	-	-
11	10	9	22	18	19	26	15	21	34	26	17	19	3	3	-	-	-
7	5	3	14	10	9	16	8	12	16	11	8	6	1	-	-	-	-
4	5	6	8	8	10	10	7	9	18	15	9	13	2	3	-	-	-
21	17	21	26	17	31	37	41	43	63	54	34	34	19	6	2	-	1
13	6	9	12	11	19	17	24	20	23	22	10	11	7	4	1	-	-
8	11	12	14	6	12	20	17	23	40	32	24	23	12	2	1	-	1
31	21	32	40	29	47	43	50	55	91	93	79	49	26	12	2	-	-
18	12	14	18	12	25	22	25	27	30	35	35	22	7	2	1	-	-
13	9	18	22	17	22	21	25	28	61	58	44	27	19	10	1	-	-
48	45	43	63	59	58	65	83	83	101	73	65	52	27	8	4	-	-
17	27	14	25	35	36	32	45	33	53	36	28	23	12	3	1	-	-
31	18	29	38	24	22	33	38	50	48	37	37	29	15	5	3	-	-
16	22	22	30	29	49	42	32	41	49	43	55	34	15	9	1	-	-
11	13	11	15	17	26	23	18	26	16	23	27	11	5	2	-	-	-
5	9	11	15	12	23	19	14	15	33	20	28	23	10	7	1	-	-
16	16	15	19	17	16	17	27	25	20	29	27	15	7	4	1	-	1
7	10	5	9	8	6	13	11	13	10	14	11	7	4	1	1	-	1
9	6	10	10	9	10	4	16	12	10	15	16	8	3	3	-	-	-
7	8	2	6	8	5	12	11	18	14	12	22	12	12	4	1	-	-
4	5	1	2	6	3	9	5	10	6	5	12	5	5	2	-	-	-
3	3	1	4	2	2	3	6	8	8	7	10	7	7	2	1	-	-
61	83	86	100	83	90	121	124	186	158	149	115	90	61	17	3	-	-
34	37	42	52	43	39	76	62	90	76	67	50	44	27	8	-	-	-
27	46	44	48	40	51	45	62	96	82	82	65	46	34	9	3	-	-

OVER 5,000 POPULATION, CENSUS OF 1905.

193	256	259	324	280	306	399	484	530	605	695	619	445	302	98	16	2	5
101	127	126	165	144	153	194	251	267	311	333	284	200	115	35	3	-	3
92	129	133	159	136	153	205	233	263	294	362	335	245	187	63	13	2	2

UNDER 5,000 POPULATION, CENSUS OF 1905.

193	217	235	252	260	297	312	364	461	632	721	692	554	354	134	40	4	4
94	123	134	133	160	172	174	220	253	335	373	333	267	162	54	15	-	4
99	94	101	119	100	125	138	144	208	297	348	359	287	192	80	25	4	-

CAUSES OF DEATH

NOSOLOGICALLY ARRANGED.

1909.

TABLE IX.—CAUSES OF

CLASSIFICATION AS ADOPTED BY THE

Distinguishing by Months, by Age and by Sex, the Registered

CAUSES OF DEATH.			DEATHS.		MONTHS.											
			Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
ALL CAUSES,	T.	51,236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	26,320	2,304	2,140	2,489	2,242	2,201	2,021	2,137	2,467	2,069	2,060	1,959	2,231		
	F.	24,916	2,302	2,039	2,451	2,191	2,103	1,798	1,875	2,130	1,973	1,989	1,918	2,147		
I. GENERAL DISEASES,	T.	13,153	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	6,367	551	523	629	554	579	499	473	545	499	519	443	553		
	F.	6,786	620	549	654	583	613	519	513	543	572	579	517	524		
1. Typhoid Fever (abdominal typhus),	T.	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	241	18	8	11	6	14	10	14	24	27	52	29	28		
	F.	149	7	4	5	9	7	11	9	16	23	24	17	17		
2. Typhus, exanthematic,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Fever, recurrent,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Fever, intermittent, and malarial Cachexia,	T.	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	15	-	1	-	-	1	1	4	-	5	3	-	-	-	-
	F.	5	1	-	-	-	-	-	2	1	1	-	-	-	-	-
5. Variola,	T.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Measles,	T.	157	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	86	5	11	13	14	13	7	5	7	3	2	1	5		
	F.	71	5	4	12	12	6	10	9	4	1	1	3	4		
7. Scarlatina,	T.	259	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	109	14	6	15	11	13	12	10	8	2	6	7	5		
	F.	150	25	16	19	15	14	16	7	5	4	11	5	13		
8. Whooping Cough,	T.	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	125	17	16	18	17	23	7	5	6	4	3	3	6		
	F.	125	18	14	18	13	13	7	7	13	9	6	3	4		
9. Diphtheria and Croup,	T.	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	56	5	2	3	5	7	1	1	2	4	7	8	11		
	F.	35	5	3	8	1	1	2	-	-	3	4	5	3		
9a. Diphtheria,	T.	603	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	311	33	27	38	15	20	19	17	17	26	23	26	50		
	F.	292	42	24	21	16	18	20	15	14	13	32	35	42		
10. Grippe,	T.	237	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	95	10	21	29	11	7	5	1	-	-	2	2	7		
	F.	142	15	43	47	18	5	3	-	-	1	3	5	2		
11. Miliary Fever,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. Cholera, Asiatic,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I. GENERAL DISEASES — Con.														
13. Cholera, nostras,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
14. Dysentery,	T.	215	-	-	-	-	-	-	-	-	-	-	-	-
	M.	98	4	-	4	-	1	2	9	22	28	19	5	4
	F.	117	-	-	3	2	4	4	14	32	29	14	10	5
15. Pest (Plague),	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
16. Yellow Fever,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Leprosy,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Erysipelas,	T.	181	-	-	-	-	-	-	-	-	-	-	-	-
	M.	101	17	12	15	12	12	6	6	3	5	1	4	8
	F.	80	8	12	10	10	9	8	2	4	5	1	5	6
19. Other Epidemic Affections,	T.	4	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	-	1	-	-	-	-	-	-	-	-
	F.	3	1	1	-	-	1	-	-	-	-	-	-	-
20. Purulent Infection and Septicæmia,	T.	249	-	-	-	-	-	-	-	-	-	-	-	-
	M.	148	17	8	15	13	16	14	8	14	11	7	10	15
	F.	101	9	6	12	12	14	5	3	10	4	5	12	9
21. Glanders and Farcy,	T.	1	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	-	-	-	-	-	-	-	-	-	1
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Malignant Pustule and Charbon (Anthrax),	T.	1	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	1	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
23. Rabies,	T.	5	-	-	-	-	-	-	-	-	-	-	-	-
	M.	5	2	-	1	-	1	-	-	-	-	-	1	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
24. Actinomycosis, Trichinosis, etc.,	T.	1	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	1	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
25. Pellagra,	T.	1	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	1	-	-	-	-	-	-	-	1	-	-	-	-
26. Tubercle of Larynx,	T.	2	-	-	-	-	-	-	-	-	-	-	-	-
	M.	2	-	-	-	1	-	-	1	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
27. Tubercle of Lungs,	T.	4,393	-	-	-	-	-	-	-	-	-	-	-	-
	M.	2,353	213	217	241	202	239	171	178	201	163	154	151	223
	F.	2,040	180	162	190	185	204	157	161	137	157	167	164	176
28. Tubercle of Meninges,	T.	390	-	-	-	-	-	-	-	-	-	-	-	-
	M.	215	10	17	19	26	22	29	16	14	16	23	10	13
	F.	175	23	10	11	13	28	12	14	20	14	13	10	7
29. Tubercle, Abdominal,	T.	998	-	-	-	-	-	-	-	-	-	-	-	-
	M.	541	49	41	45	42	33	39	37	77	65	52	32	29
	F.	457	30	22	31	35	38	31	34	78	59	54	25	20

Nosological Arrangement.

AGES.																			
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.		
20 10	5	6 2	3 3	2	2 6	2	3	3 3	6 4	6 5	6 13	10 19	13 23	10 18	1 3	1			
30 20	2					2	1	5 5	8 7	10 9	17 10	10 10	12 11	5 6	1				
3		1																	
26 11	4 2	2 2	2 1	2 3	4 4	7 4	7 4	13 16	20 15	15 15	21 11	11 6	9 4	5 3					
							1												
								1											
						2			2	1									
											1								
31 16	17 13	13 9	7 2	1 10	17 23	14 50	126 192	538 608	613 531	465 286	270 150	158 79	72 59	11 12					
62 48	46 33	31 28	13 15	4 8	11 18	9 9	5 5	11 6	10 3	8 2	2 -	2 -	1 -	-	-	-	-		
422 325	28 25	4 7	6 7	2 4	4 4	3 -	1 11	13 11	11 10	8 14	14 8	10 13	9 12	6 3	- 3	-	-		

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I. GENERAL DISEASES — Con.														
30. Pott's Disease,	T.	40	-	-	-	-	-	-	-	-	-	-	-	-
	M.	23	1	1	3	3	1	2	4	4	-	1	2	1
	F.	17	-	3	-	2	3	3	-	1	1	2	1	1
31. Abscess, Cold and by Conges- tion,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
32. White Tumors (White Swell- ings),	T.	31	-	-	-	-	-	-	-	-	-	-	-	-
	M.	19	-	2	4	3	-	2	3	1	-	-	3	1
	F.	12	2	1	-	1	1	1	-	2	1	1	1	1
33. Tubercle of Other Organs, . .	T.	52	-	-	-	-	-	-	-	-	-	-	-	-
	M.	30	3	3	5	1	-	3	3	1	3	4	-	4
	F.	22	-	2	4	2	1	3	1	-	1	4	2	2
34. Generalized Tubercle, . . .	T.	94	-	-	-	-	-	-	-	-	-	-	-	-
	M.	47	5	4	3	4	5	2	5	5	5	5	3	1
	F.	47	5	4	7	3	3	5	7	4	1	2	4	2
35. Scrofula,	T.	1	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	1	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
36. Syphilis,	T.	120	-	-	-	-	-	-	-	-	-	-	-	-
	M.	69	4	9	5	3	3	8	3	11	5	9	8	1
	F.	51	6	4	4	4	1	8	5	3	6	4	2	4
37. Bleorrhagia of the Adult, . .	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
38. Gonococcal Infections of Chil- dren,	T.	1	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	-	-	-	-	-	-	-	1	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
39. Cancer and Other Malignant Tumors of the Buccal Cavity, . .	T.	55	-	-	-	-	-	-	-	-	-	-	-	-
	M.	48	3	2	7	2	1	6	7	2	5	5	8	-
	F.	7	1	-	-	-	1	1	1	-	-	1	-	2
40. Cancer and Other Malignant Tumors of the Stomach and Liver,	T.	1,390	-	-	-	-	-	-	-	-	-	-	-	-
	M.	572	50	36	42	47	51	50	42	57	54	49	44	50
	F.	818	72	58	68	58	70	63	67	54	95	71	71	71
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum, . . .	T.	115	-	-	-	-	-	-	-	-	-	-	-	-
	M.	46	5	3	3	4	5	4	2	4	7	5	1	3
	F.	69	8	5	7	7	4	5	5	12	6	5	3	2
42. Cancer and Other Malignant Tumors of the Female Gen- itals,	T.	408	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	408	31	31	39	37	38	27	27	35	30	49	30	34
43. Cancer and Other Malignant Tumors of the Breast, . . .	T.	318	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	318	23	27	27	28	33	25	31	22	28	26	27	21
44. Cancer and Other Malignant Tumors of the Skin, . . .	T.	178	-	-	-	-	-	-	-	-	-	-	-	-
	M.	117	10	5	9	16	11	12	9	7	9	11	16	2
	F.	61	6	4	1	7	5	7	6	8	2	4	5	6
45. Cancer and Other Malignant Tumors of Other Organs and Organs not Specified, . . .	T.	407	-	-	-	-	-	-	-	-	-	-	-	-
	M.	208	12	16	23	15	19	16	16	13	12	23	24	19
	F.	199	22	14	21	14	15	19	15	12	19	16	18	14
46. Other Tumors (Tumors of the Female Genitals excepted), . .	T.	59	-	-	-	-	-	-	-	-	-	-	-	-
	M.	10	2	-	1	-	1	-	1	-	-	3	1	1
	F.	49	3	3	8	4	4	6	6	2	2	6	4	1

Nosological Arrangement.

AGES.																	
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	2 1	-	2	1	3 4	3 1	2 1	3 4	1 1	1 1	2 1	2 1	1 1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	3	-	-	-	4 1	-	-	3	2 3	2 1	3 1	1 1	-	1	-	-	-
-	2	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-
-	3 1	1	-	-	1	3	4 2	1 4	6 8	4 1	4 2	2 2	1 2	-	-	-	-
-	4 9	4 3	2	1 1	1 3	1 1	5 2	7 5	7 9	8 7	4 3	3 1	-	-	-	-	-
-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43 37	2	1	1	-	1	-	-	8 2	7 4	4 3	3 1	1 1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I. GENERAL DISEASES—Con.														
47. Rheumatism, Acute, Articular,	T.	334	-	-	-	-	-	-	-	-	-	-	-	-
	M.	153	13	12	19	18	12	19	14	11	7	4	14	10
	F.	181	17	19	29	20	12	8	17	13	10	10	11	15
48. Rheumatism, Chronic and Gout,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
49. Scorbutus,	T.	4	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	-	-	-	-	-	1	-	-	-	-
	F.	3	-	-	-	1	1	-	1	-	-	-	-	-
50. Diabetes,	T.	512	-	-	-	-	-	-	-	-	-	-	-	-
	M.	202	14	22	13	28	18	16	14	15	14	15	11	22
	F.	310	25	36	29	25	35	33	23	22	16	23	21	22
51. Goiter, Exophthalmic,	T.	2	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	-	1	-	-	-	-	-	-	-	-
	F.	1	-	-	-	-	1	-	-	-	-	-	-	-
52. Addison's Disease,	T.	20	-	-	-	-	-	-	-	-	-	-	-	-
	M.	9	1	1	-	-	1	1	1	-	-	2	1	-
	F.	11	1	1	-	-	2	1	-	1	1	1	-	4
53. Leukæmia,	T.	37	-	-	-	-	-	-	-	-	-	-	-	-
	M.	19	-	3	3	2	1	1	3	-	1	2	3	-
	F.	18	-	4	-	5	-	-	3	2	1	2	-	1
54. Anæmia, Chlorosis,	T.	336	-	-	-	-	-	-	-	-	-	-	-	-
	M.	134	6	12	11	12	11	14	14	13	10	5	9	17
	F.	202	29	10	18	20	18	14	20	13	22	11	17	10
55. Other General Diseases,	T.	4	-	-	-	-	-	-	-	-	-	-	-	-
	M.	2	-	-	-	1	-	-	-	-	-	1	-	-
	F.	2	-	-	-	-	-	1	-	-	-	1	-	-
56. Alcoholism, Acute and Chronic,	T.	174	-	-	-	-	-	-	-	-	-	-	-	-
	M.	142	7	5	9	17	16	19	19	4	8	17	5	16
	F.	32	-	2	5	3	3	3	1	2	5	4	1	3
57. Saturnism,	T.	5	-	-	-	-	-	-	-	-	-	-	-	-
	M.	4	-	-	-	-	1	1	1	-	-	-	1	-
	F.	1	-	-	-	1	-	-	-	-	-	-	-	-
58. Other Professional Intoxications,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
59. Other Chronic Poisonings,	T.	7	-	-	-	-	-	-	-	-	-	-	-	-
	M.	3	-	-	-	1	-	-	-	-	-	2	-	-
	F.	4	-	-	-	-	-	-	-	1	2	1	-	-
II. DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF SPECIAL SENSE,														
	T.	5,908	-	-	-	-	-	-	-	-	-	-	-	-
	M.	3,003	267	251	256	269	295	250	209	252	243	224	248	239
	F.	2,905	260	234	265	264	244	240	233	233	209	236	229	258
60. Encephalitis,	T.	1	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	1	-	-	-	-	-	-	1	-	-	-	-	-
61. Meningitis, Simple,	T.	654	-	-	-	-	-	-	-	-	-	-	-	-
	M.	379	33	45	30	25	40	35	28	38	28	26	23	28
	F.	275	22	21	28	32	23	27	19	23	24	23	17	16
61σ. Meningitis, Epidemic Cerebro-spinal,	T.	124	-	-	-	-	-	-	-	-	-	-	-	-
	M.	66	5	2	6	11	6	4	5	11	6	2	3	5
	F.	58	1	5	9	2	6	5	7	6	5	3	6	3

Nosological Arrangement.

[illegible]

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
II. DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF SPECIAL SENSE — Con.														
62. Locomotor Ataxia, Progressive,	T.	67	-	-	-	-	-	-	-	-	-	-	-	-
	M.	52	3	4	2	5	3	4	5	2	3	5	9	7
	F.	15	2	3	-	1	-	1	1	2	2	2	1	-
63. Other Diseases of the Spinal Cord,	T.	99	-	-	-	-	-	-	-	-	-	-	-	-
	M.	52	2	3	5	1	1	3	4	10	10	8	3	2
	F.	47	2	1	2	1	5	2	6	9	5	10	1	3
64. Cerebral Congestion and Hemorrhage,	T.	3,128	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1,479	142	108	129	138	146	121	95	112	119	110	135	124
	F.	1,649	157	141	143	156	132	143	118	121	107	141	132	158
65. Cerebral Softening,	T.	83	-	-	-	-	-	-	-	-	-	-	-	-
	M.	33	1	3	2	4	4	1	-	5	4	1	4	4
	F.	50	2	5	5	3	5	3	6	6	7	3	2	3
66. Paralysis without Specified Cause,	T.	571	-	-	-	-	-	-	-	-	-	-	-	-
	M.	282	23	22	29	25	25	26	22	26	22	26	18	18
	F.	289	14	17	33	25	28	20	25	26	23	20	31	27
67. Paralysis, General,	T.	222	-	-	-	-	-	-	-	-	-	-	-	-
	M.	148	10	14	13	9	12	18	12	11	12	8	12	17
	F.	74	11	4	7	6	3	9	6	5	5	3	9	6
68. Other Forms of Mental Alienation,	T.	204	-	-	-	-	-	-	-	-	-	-	-	-
	M.	89	10	6	2	10	11	10	6	2	7	7	10	8
	F.	115	8	6	11	16	7	9	17	5	7	11	9	9
69. Epilepsy,	T.	154	-	-	-	-	-	-	-	-	-	-	-	-
	M.	91	9	9	11	7	14	3	3	6	2	9	11	7
	F.	63	9	5	2	7	10	5	3	7	6	6	3	-
70. Eclampsia (non-puerperal),	T.	9	-	-	-	-	-	-	-	-	-	-	-	-
	M.	6	1	1	-	-	1	-	2	-	1	-	-	-
	F.	3	-	2	-	-	-	-	-	-	-	1	-	-
71. Convulsions of Children,	T.	351	-	-	-	-	-	-	-	-	-	-	-	-
	M.	205	25	24	19	27	17	16	13	10	15	11	15	13
	F.	146	22	15	16	8	9	8	16	10	8	6	10	18
72. Tetanus,	T.	30	-	-	-	-	-	-	-	-	-	-	-	-
	M.	23	-	1	-	1	4	1	7	4	3	2	-	-
	F.	7	1	-	-	-	-	-	2	-	3	-	-	1
73. Chorea,	T.	7	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	-	-	-	-	-	1	-	-	-	-
	F.	6	-	1	-	1	1	-	-	2	1	-	-	-
74. Other Diseases of the Nervous System,	T.	179	-	-	-	-	-	-	-	-	-	-	-	-
	M.	84	2	7	6	6	9	7	6	13	10	8	5	5
	F.	95	9	7	9	6	14	7	6	5	5	6	7	14
75. Diseases of the Eye and its Annexa,	T.	4	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1	-	-	-	-	-	-	1	-	-	-	-	-
	F.	3	-	-	-	-	-	1	-	2	-	-	-	-
76. Diseases of the Ear,	T.	21	-	-	-	-	-	-	-	-	-	-	-	-
	M.	12	1	2	2	-	2	1	-	1	1	1	-	1
	F.	9	-	1	-	-	1	-	-	4	1	1	1	-
III. DISEASES OF THE CIRCULATORY APPARATUS,														
	T.	7,182	-	-	-	-	-	-	-	-	-	-	-	-
	M.	3,636	374	312	353	321	298	286	264	252	237	290	313	336
	F.	3,546	332	263	350	351	347	290	219	221	224	289	320	340

Nosological Arrangement.

AGES.																	
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
-	-	-	-	-	-	-	-	-	5	10	10	20	6	1	-	-	-
-	-	-	-	-	-	-	-	-	2	1	4	7	1	-	-	-	-
7	2	3	2	2	3	5	3	1	-	5	3	11	-	-	-	-	-
3	2	1	2	4	4	-	4	8	-	2	5	5	7	-	-	-	-
17	2	-	2	1	2	1	6	27	67	118	253	410	386	173	14	-	-
13	3	-	-	1	4	1	4	9	46	125	244	429	498	244	26	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1	-	-	1	-	3	5	8	13	3	-	-	-
-	-	-	-	-	-	-	-	-	-	5	2	16	16	10	-	-	-
-	1	2	2	1	-	5	2	7	7	-	-	-	-	-	-	-	-
4	1	-	2	-	1	1	-	3	7	18	39	62	93	40	3	-	-
-	1	-	2	-	-	-	-	7	7	10	27	57	107	62	6	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	2	34	38	39	18	9	6	1	-	-
-	-	-	-	-	-	-	-	1	16	21	9	11	13	3	-	-	-
1	-	-	-	-	-	-	2	5	6	7	17	16	16	17	2	-	-
-	-	-	-	-	-	-	1	1	10	17	8	19	36	18	5	-	-
6	1	-	-	2	3	9	7	11	13	12	11	7	5	4	-	-	-
3	-	-	1	1	1	-	4	12	7	10	6	6	11	-	1	-	-
-	-	-	-	-	2	-	-	-	-	1	2	-	-	-	-	-	-
-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	31	5	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-
-	25	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	6	4	-	4	-	-	-	-	-	-	-
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2	1	-	3	2	4	3	4	12	14	14	13	5	5	1	1	-	-
2	-	1	-	-	6	1	2	8	14	25	12	14	8	1	1	-	-
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3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	2	-	-	-	1	-	1	1	-	-	2	1	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	11	7	7	5	33	30	42	109	183	319	522	868	947	460	46	-	-
48	9	7	7	8	43	60	33	115	228	257	466	758	903	519	82	2	2

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
III. DISEASES OF THE CIRCULATORY APPARATUS—CON.														
77. Pericarditis,	T.	—	—	—	—	—	—	—	—	—	—	—	—	—
	M.	—	—	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—	—	—
78. Endocarditis, Acute,	T.	1,435	—	—	—	—	—	—	—	—	—	—	—	—
	M.	663	64	62	47	55	52	63	60	45	47	52	51	65
	F.	772	73	51	78	92	72	58	43	47	54	65	63	76
79. Organic Diseases of the Heart,	T.	4,069	—	—	—	—	—	—	—	—	—	—	—	—
	M.	2,032	217	162	211	188	185	147	140	147	123	141	187	184
	F.	2,037	194	165	203	177	205	174	130	120	121	173	184	191
80. Angina Pectoris,	T.	374	—	—	—	—	—	—	—	—	—	—	—	—
	M.	217	19	18	21	20	20	19	18	13	18	19	10	22
	F.	157	13	8	22	17	13	17	6	7	16	11	16	11
81. Affections of the Arteries (Atheroma, Aneurism, etc.),	T.	1,168	—	—	—	—	—	—	—	—	—	—	—	—
	M.	654	69	64	65	50	34	48	41	43	45	74	60	61
	F.	514	47	34	38	55	51	36	36	41	29	37	55	55
82. Embolus and Thrombosis,	T.	70	—	—	—	—	—	—	—	—	—	—	—	—
	M.	40	4	4	5	6	4	4	2	2	2	4	1	2
	F.	30	1	2	3	5	5	1	1	4	1	1	2	4
83. Affections of the Veins (Varices, Hemorrhoids, Phlebitis),	T.	18	—	—	—	—	—	—	—	—	—	—	—	—
	M.	6	—	—	1	1	1	1	—	—	—	—	1	1
	F.	12	3	—	3	1	—	1	1	—	2	1	—	—
84. Affections of the Lymphatic System (Lymphangitis, etc.),	T.	10	—	—	—	—	—	—	—	—	—	—	—	—
	M.	7	—	—	—	—	1	3	2	—	—	—	—	1
	F.	3	—	—	—	1	—	—	1	—	1	—	—	—
85. Hemorrhages,	T.	37	—	—	—	—	—	—	—	—	—	—	—	—
	M.	16	1	2	2	1	1	1	1	2	2	—	3	—
	F.	21	1	3	3	3	1	3	1	2	—	1	—	3
86. Other Affections of the Circulatory System,	T.	1	—	—	—	—	—	—	—	—	—	—	—	—
	M.	1	—	—	1	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—	—	—
IV. DISEASES OF THE RESPIRATORY SYSTEM,														
87. Diseases of the Nasal Fossæ,	T.	8	—	—	—	—	—	—	—	—	—	—	—	—
	M.	5	2	1	—	—	—	—	—	1	—	—	1	—
	F.	3	—	—	1	1	—	—	—	1	—	—	—	—
88. Affections of the Larynx,	T.	63	—	—	—	—	—	—	—	—	—	—	—	—
	M.	32	4	4	2	2	1	1	2	3	—	6	2	5
	F.	31	3	6	6	1	1	1	—	1	—	3	4	5
89. Affections of the Thyroid Body,	T.	26	—	—	—	—	—	—	—	—	—	—	—	—
	M.	3	1	—	—	—	2	—	—	—	—	—	—	—
	F.	23	2	2	1	1	2	2	2	1	2	1	2	5
90. Bronchitis, Acute,	T.	768	—	—	—	—	—	—	—	—	—	—	—	—
	M.	357	52	36	68	34	28	14	8	10	20	16	32	39
	F.	411	67	62	58	38	29	17	12	9	20	29	28	42
91. Bronchitis, Chronic,	T.	328	—	—	—	—	—	—	—	—	—	—	—	—
	M.	153	20	14	16	17	13	7	11	12	10	10	7	16
	F.	175	28	14	13	20	11	12	7	10	7	10	23	20
92. Broncho-Pneumonia,	T.	1,478	—	—	—	—	—	—	—	—	—	—	—	—
	M.	718	87	69	99	95	68	49	27	23	37	38	54	72
	F.	760	93	103	110	85	75	39	30	21	31	43	54	76

Nosological Arrangement.

AGES.																	
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
9	1	1	4	4	14	12	12	33	46	67	112	159	121	62	7	-	-
-	-	-	-	-	15	23	11	39	60	68	106	169	177	77	8	-	-
31	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	6	3	1	3	16	14	26	66	109	203	307	500	505	224	20	-	-
-	-	-	3	-	26	35	19	64	147	163	295	439	507	262	36	-	-
1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	-	-	1	-	1	3	19	27	44	56	45	17	1	-	-
-	-	-	-	-	1	1	2	6	7	16	26	39	35	19	3	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	6	14	54	146	264	151	16	-	-
-	-	-	-	-	-	1	-	-	4	4	29	106	178	155	35	2	-
1	-	-	-	-	1	1	1	2	1	8	5	6	10	4	2	-	-
-	-	-	-	-	-	-	-	4	6	2	6	4	3	3	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	1	1	-	-	3	-	-	-	-	-	-	-	-	-	-	-
1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	2	1	1	1	-	1	2	2	2	1	-	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
861	319	126	67	38	66	25	57	145	261	326	382	428	415	202	30	-	-
726	303	107	36	21	66	31	36	122	191	233	294	551	554	385	73	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	-	-	2	-	-	-	1	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	3	4	2	2	7	1	-	1	2	1	2	1	1	-	-	-	-
7	3	-	2	2	6	-	-	1	-	7	1	2	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	4	9	6	1	2	1	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159	30	6	2	2	8	2	-	3	6	5	15	29	44	37	9	-	-
121	27	5	1	-	-	2	5	3	5	9	15	49	76	69	24	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	17	7	-	1	-	-	-	2	8	2	6	21	35	6	2	-	-
41	18	2	2	1	-	-	-	1	1	4	10	19	28	39	9	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
279	121	43	24	5	11	5	3	12	16	24	37	54	49	30	5	-	-
266	105	38	8	6	17	5	2	11	10	21	33	78	95	55	10	-	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
IV. DISEASES OF THE RESPIRATORY SYSTEM—Con.														
93. Pneumonia,	T.	4,157	-	-	-	-	-	-	-	-	-	-	-	-
	M.	2,136	263	245	316	250	194	148	66	73	66	120	165	230
	F.	2,021	288	245	340	236	191	86	45	49	44	93	177	227
94. Pleurisy,	T.	173	-	-	-	-	-	-	-	-	-	-	-	-
	M.	105	16	12	12	8	7	9	6	5	5	14	7	4
	F.	68	8	9	9	2	6	6	5	2	2	4	5	10
95. Pulmonary Congestion and Apoplexy,	T.	294	-	-	-	-	-	-	-	-	-	-	-	-
	M.	142	11	11	14	10	14	11	9	7	9	20	13	13
	F.	152	10	17	30	9	11	7	6	7	8	10	14	23
96. Gangrene of the Lung,	T.	28	-	-	-	-	-	-	-	-	-	-	-	-
	M.	18	3	2	1	2	-	2	-	1	2	-	1	4
	F.	10	-	2	1	-	-	1	-	-	2	1	2	1
97. Asthma,	T.	132	-	-	-	-	-	-	-	-	-	-	-	-
	M.	66	5	8	9	2	9	3	2	1	7	5	7	8
	F.	66	5	8	8	11	2	3	5	3	6	3	1	11
98. Pulmonary Emphysema,	T.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
99. Other Diseases of the Respiratory Apparatus (Phthisis excepted),	T.	23	-	-	-	-	-	-	-	-	-	-	-	-
	M.	13	-	1	1	1	1	3	-	-	3	-	1	2
	F.	10	1	-	2	-	1	-	2	1	-	1	1	1
V. DISEASES OF THE DIGESTIVE APPARATUS,														
100. Affections of the Mouth and its Adnexa,	T.	6,172	-	-	-	-	-	-	-	-	-	-	-	-
	M.	3,200	141	146	156	148	144	178	483	739	462	283	172	148
	F.	2,972	140	133	155	134	147	176	405	609	446	312	155	160
101. Affections of the Pharynx,	T.	9	-	-	-	-	-	-	-	-	-	-	-	-
	M.	5	1	-	-	-	1	-	-	1	-	-	2	-
	F.	4	-	-	-	1	1	-	1	-	-	1	-	-
102. Affections of the Esophagus,	T.	59	-	-	-	-	-	-	-	-	-	-	-	-
	M.	30	2	7	4	2	1	1	-	5	1	3	-	4
	F.	29	3	1	2	1	2	2	1	2	5	4	5	1
103. Ulcer of the Stomach,	T.	8	-	-	-	-	-	-	-	-	-	-	-	-
	M.	4	-	-	-	-	-	1	-	1	-	1	-	1
	F.	4	-	-	-	-	1	-	-	-	-	2	-	-
104. Other Affections of the Stomach (Cancer excepted),	T.	157	-	-	-	-	-	-	-	-	-	-	-	-
	M.	95	8	7	6	6	6	10	11	14	5	5	10	7
	F.	62	4	7	5	3	2	4	7	5	4	8	4	9
105. Diarrhoea and Enteritis (under 2 years),	T.	1,021	-	-	-	-	-	-	-	-	-	-	-	-
	M.	541	29	34	36	29	25	35	65	84	81	58	32	33
	F.	480	27	25	32	34	33	40	51	63	51	65	28	31
106. Diarrhoea and Enteritis (2 years and over),	T.	2,855	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1,533	28	21	37	31	33	57	320	500	278	131	59	38
	F.	1,322	19	16	24	23	31	51	263	419	271	128	47	30
107. Intestinal Parasites,	T.	497	-	-	-	-	-	-	-	-	-	-	-	-
	M.	223	9	9	15	7	12	15	25	63	42	12	8	6
	F.	274	10	9	13	14	9	16	25	61	55	33	18	11
108. Hernias; Intestinal Obstructions,	T.	3	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	3	-	1	-	-	1	1	-	-	-	-	-	-
109. Hernias; Intestinal Obstructions,	T.	401	-	-	-	-	-	-	-	-	-	-	-	-
	M.	188	14	20	8	23	14	8	15	21	18	15	17	15
	F.	213	28	21	18	9	15	13	10	20	21	21	19	18

Nosological Arrangement.

AGES.																	
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
356 278	139 146	59 56	33 20	24 10	32 32	17 22	43 25	111 82	197 149	254 158	261 189	271 344	226 301	101 186	12 22	- 1	- -
3 5	5 2	4 3	5 2	2 -	5 6	- -	5 1	8 3	11 4	8 9	21 10	12 10	13 9	3 4	- -	- -	- -
8 7	3 1	1 1	- 1	1 1	1 3	- -	4 1	3 7	12 5	23 13	19 24	25 31	26 28	16 21	- 8	- -	- -
1 -	- -	- -	1 -	- -	- -	- -	1 2	3 3	3 3	2 -	5 1	1 -	1 1	- -	- -	- -	- -
1 1	- 1	- 1	- -	- 1	- 1	- 2	- -	- 4	- 3	- 5	- 14	- 13	- 19	- 8	- 1	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
2 -	- -	2 1	- -	- -	1 -	- -	1 -	1 3	2 -	1 -	2 1	1 -	1 1	3 -	- -	- -	- -
1,720 1,411	252 207	57 53	27 25	16 19	48 53	41 41	38 35	77 95	121 128	154 140	186 165	207 235	167 204	84 136	5 24	- 1	- -
3 1	1 -	- -	- -	- -	- -	- -	- -	- -	- -	1 -	- 1	- -	- -	- 2	- -	- -	- -
2 4	5 2	1 2	4 1	1 2	6 5	- 1	- 3	- 2	1 1	1 -	2 1	5 2	- 2	1 1	- -	- -	- -
2 1	1 -	- 1	- -	- -	- -	- -	- -	- -	- -	1 -	- -	- -	- 1	- 1	- -	- -	- -
3 1	1 -	- -	- -	1 -	1 -	1 -	- 3	6 1	12 9	18 8	25 16	14 12	6 7	7 5	- -	- -	- -
325 207	32 35	11 8	6 7	2 7	3 3	1 4	- 3	6 11	11 12	16 15	26 25	29 39	41 53	30 40	2 11	- -	- -
1,328 1,164	205 158	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	39 37	13 12	4 4	9 12	6 2	2 1	5 8	7 9	12 15	18 16	40 56	44 56	22 39	2 6	- 1	- -
- 1	- -	- -	- -	- -	1 -	1 -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
38 17	3 5	1 2	2 2	- 1	5 4	3 1	4 2	8 8	13 13	16 22	23 34	33 48	28 25	10 24	1 5	- -	- -

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
V. DISEASES OF THE DIGESTIVE APPARATUS — Con.														
109. Other Affections of the Intestines,	T. M.	59	-	-	-	-	-	-	-	-	-	-	-	-
	M.	25	1	2	2	2	6	-	2	2	2	3	1	2
	F.	34	3	2	5	3	2	-	5	-	4	4	2	4
110. Icterus Gravis,	T. M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
111. Tumors, Hydatid, of the Liver.	T. M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
112. Cirrhosis of the Liver,	T. M.	238	-	-	-	-	-	-	-	-	-	-	-	-
	M.	155	10	12	18	13	13	16	8	10	15	15	12	13
	F.	83	8	11	11	5	5	8	6	4	7	8	5	5
113. Biliary Calculi,	T. M.	148	-	-	-	-	-	-	-	-	-	-	-	-
	M.	59	8	7	6	2	6	7	3	2	2	7	4	5
	F.	89	6	12	10	3	8	4	5	4	10	10	9	8
114. Other Affections of the Liver,	T. M.	41	-	-	-	-	-	-	-	-	-	-	-	-
	M.	16	2	1	2	-	1	1	3	-	-	3	2	1
	F.	25	2	2	-	3	3	1	6	1	-	2	1	4
115. Affections of the Spleen,	T. M.	74	-	-	-	-	-	-	-	-	-	-	-	-
	M.	40	4	5	-	3	4	3	4	2	3	4	5	3
	F.	34	1	2	4	1	4	5	2	3	3	4	2	3
116. Peritonitis, Simple (Puerperal excepted),	T. M.	295	-	-	-	-	-	-	-	-	-	-	-	-
	M.	122	13	9	11	10	9	15	13	12	3	8	9	10
	F.	173	14	13	17	21	19	16	13	12	5	10	8	25
117. Other Affections of the Digestive Apparatus (Cancer and Tubercle excepted),	T. M.	22	-	-	-	-	-	-	-	-	-	-	-	-
	M.	11	2	-	1	1	1	-	1	1	2	1	-	1
	F.	11	-	1	1	1	-	1	1	-	-	1	4	1
118. Appendicitis and Abscess of the Iliac Fossa,	T. M.	285	-	-	-	-	-	-	-	-	-	-	-	-
	M.	153	10	12	10	19	12	9	13	21	10	17	11	9
	F.	132	15	10	13	12	11	14	9	15	10	11	3	9
VI. DISEASES OF THE GENITO-URINARY APPARATUS AND ITS ADNEXA,														
119. Nephritis, Acute,	T. M.	1,922	-	-	-	-	-	-	-	-	-	-	-	-
	M.	1,014	89	87	85	102	96	74	75	70	77	81	82	96
	F.	908	90	86	76	91	84	64	67	61	72	76	68	73
120. Bright's Disease,	T. M.	961	-	-	-	-	-	-	-	-	-	-	-	-
	M.	491	35	52	54	45	37	48	34	32	35	43	37	39
	F.	470	33	30	46	50	40	41	37	39	34	44	38	38
121. Other Diseases of the Kidneys and their Adnexa,	T. M.	8	-	-	-	-	-	-	-	-	-	-	-	-
	M.	2	-	-	-	-	1	-	1	-	-	-	-	-
	F.	6	-	-	1	-	3	1	-	-	-	1	-	-
122. Calculi of the Urinary Tract,	T. M.	2	-	-	-	-	-	-	-	-	-	-	-	-
	M.	-	-	-	-	-	-	-	-	-	-	-	-	-
	F.	2	-	-	-	-	-	-	-	1	-	-	-	1
123. Diseases of the Bladder,	T. M.	190	-	-	-	-	-	-	-	-	-	-	-	-
	M.	138	16	8	12	12	15	12	14	11	7	11	10	10
	F.	52	-	2	2	5	4	7	9	4	5	3	5	6

Nosological Arrangement.

AGES.																	
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	-	-	1	2	1	1	1	3	5	3	4	1	1	-	-	-
1	-	-	-	-	1	-	-	4	1	5	7	6	4	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	2	-	-	1	3	13	34	39	35	22	5	-	-	-
1	-	-	-	-	1	-	-	-	13	20	20	12	7	8	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	1	2	-	-	2	7	10	11	16	8	1	-	-	-
2	-	-	-	-	-	-	-	1	6	11	23	18	21	7	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	1	-	-	-	2	-	-	4	2	-	-	-
3	-	-	1	-	-	-	-	1	2	4	-	5	4	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	2	-	-	-	-	-	2	3	5	5	6	9	4	-	-	-
-	1	1	-	-	-	1	2	3	1	3	2	8	9	4	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	4	1	-	2	6	8	9	11	20	15	18	10	4	1	-	-	-
6	3	1	1	-	8	5	11	37	38	25	13	18	5	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	1	-	-	-	-	1	2	1	6	-	-	-	-	-
-	-	-	-	-	-	-	-	1	2	2	2	2	2	-	-	-	-
-	-	2	2	1	13	19	19	32	30	16	15	4	-	-	-	-	-
2	1	1	1	5	18	25	11	18	21	10	5	10	4	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	9	9	8	4	17	9	24	63	121	204	316	404	373	169	11	-	-
21	12	5	2	-	15	21	31	120	195	240	251	317	272	90	6	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	6	8	7	4	15	8	15	41	80	135	200	227	197	59	4	-	-
12	10	4	1	-	11	11	18	57	82	128	142	204	172	53	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	3	1	1	-	1	-	6	22	37	61	91	115	92	51	2	-	-
8	1	1	1	-	3	7	9	34	72	60	83	78	84	28	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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1	1	-	-	-	1	-	-	-	-	1	-	1	1	-	-	-	-
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1	-	-	-	-	1	1	2	-	3	5	14	28	44	38	1	-	-
-	-	-	-	-	-	-	-	1	5	6	7	15	8	9	1	-	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
VI. DISEASES OF THE GENITO-URINARY APPARATUS AND ITS ADNEXA — Con.														
124. Diseases of the Urethra, Urinary Abscess, etc.,	T. M. F.	10 10 -	- - -	2 2 -	2 1 -	- - -	- 2 -	- - -	- - -	1 1 -	- - -	- - -	- - -	1
125. Diseases of the Prostate, . . .	M.	102	8	9	15	4	15	7	9	5	8	7	8	7
126. Non-veneral Diseases of the Male Genital Organs, . . .	M.	1	-	-	-	-	1	-	-	-	-	-	-	-
127. Metritis,	F.	4	1	-	-	2	-	-	1	-	-	-	-	-
128. Hemorrhage, Uterine (non-puerperal),	F.	11	-	1	1	3	1	1	-	2	-	-	2	-
129. Tumor, Uterine (non-cancerous),	F.	51	3	5	4	2	1	4	3	4	6	4	7	8
130. Other Diseases of the Uterus,	F.	25	3	2	-	3	1	1	2	6	-	2	3	2
131. Cysts and Other Tumors of the Ovary,	F.	15	2	-	1	1	1	1	1	-	2	-	5	1
132. Other Diseases of the Female Genital Organs,	F.	51	6	3	6	7	5	3	4	3	4	3	4	3
133. Non-puerperal Diseases of the Breast (Cancer excepted),	T. M. F.	3 - 3	- - 1	- - -	- - -	- - -	- - -	- - 1	- - -	- - -	- - -	- - -	- - -	- 1
VII. THE PUERPERAL STATE,	F.	456	42	35	55	49	52	41	32	37	29	32	21	31
134. Accidents of Pregnancy,	F.	61	6	1	10	6	8	2	3	6	6	5	5	3
135. Hemorrhage, Puerperal,	F.	31	1	2	5	2	3	3	5	2	2	2	1	3
136. Other Accidents of Labor,	F.	27	3	4	1	4	3	3	3	1	3	-	1	1
137. Septicæmia, Puerperal,	F.	89	10	14	8	13	7	8	5	6	3	6	2	7
138. Albuminuria and Puerperal Eclampsia,	F.	105	9	9	14	7	11	11	5	10	5	12	8	4
139. Phlegmasia Alba Dolens, Puerperal,	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
140. Other Puerperal Accidents — Sudden Death,	F.	143	13	5	17	17	20	14	11	12	10	7	4	13
141. Puerperal Diseases of the Breast,	F.	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE,	T. M. F.	209 100 109	- 7 10	- 13 5	- 8 8	- 10 9	- 7 14	- 5 10	- 16 10	- 14 6	- 2 13	- 4 7	- 6 5	- 8 12
142. Gangrene,	T. M. F.	140 64 76	- 5 5	- 8 3	- 5 4	- 7 8	- 5 13	- 2 8	- 12 7	- 8 4	- 1 6	- 2 5	- 2 3	- 7 10
143. Furuncle (Carbuncle),	T. M. F.	14 12 2	- 1 -	- - -	- 1 -	- 2 -	- - -	- 2 -	- 1 -	- 2 -	- 1 -	- 1 -	- 1 -	- -
144. Abscess, Warm,	T. M. F.	24 10 14	- - 1	- 2 1	- - -	- - -	- 1 -	- - 2	- - 2	- 1 -	- - 3	- 1 -	- 1 -	- 1 1

Nosological Arrangement.

AGES.																	
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
-	-	-	-	-	-	-	-	-	-	1	5	4	-	-	-	-	-
-	-	-	-	-	-	-	1	-	1	1	6	29	39	21	4	-	-
-	-	-	-	-	-	-	-	2	-	-	2	-	1	-	-	-	-
-	-	-	-	-	-	3	-	1	5	1	-	-	-	-	1	-	-
-	-	-	-	-	-	-	-	2	7	27	7	6	2	-	-	-	-
-	-	-	-	-	-	-	1	2	7	8	3	2	2	-	-	-	-
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-	-	-	-	-	-	-	-	4	18	5	-	-	-	-	-	-	-
-	-	-	-	-	-	-	3	47	38	1	-	-	-	-	-	-	-
-	-	-	-	-	-	1	9	46	36	13	-	-	-	-	-	-	-
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12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	2	-	1	-	-	-	-	2	4	9	8	13	19	25	4	1	-
-	2	-	-	-	-	1	-	-	7	3	11	24	23	9	11	-	-
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3	1	-	-	-	-	-	-	-	3	2	1	-	-	-	-	-	-
6	1	-	-	-	-	1	-	-	1	1	2	1	-	-	1	-	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE — Con.														
145. Other Diseases of the Skin and its Adnexa,	T. 31 M. 14 F. 17	- 1 4	- 3 4	- 1 3	- 1 3	- 1 1	- 1 1	- 1 1	- 1 3	- 3 4	- 1 4	- 1 1	- 1 1	- 1 1
IX. DISEASES OF THE ORGANS OF LOCOMOTION,	T. 105 M. 54 F. 51	- 6 4	- 3 4	- 3 4	- 7 4	- 4 5	- 2 6	- 2 6	- 8 4	- 5 5	- 5 1	- 4 5	- 4 2	- 4 5
146. Affections of the Bones (non-tuberculous),	T. 89 M. 47 F. 42	- 5 3	- 3 3	- 3 1	- 5 5	- 4 6	- 1 6	- 2 6	- 8 3	- 5 5	- 3 1	- 4 4	- 4 2	- 3 3
147. Arthritis and Other Affections of the Joints (Tubercle and Rheumatism excepted),	T. 15 M. 6 F. 9	- 1 1	- 1 1	- 1 3	- 1 -	- 1 -	- 1 -	- 1 -	- 1 -	- 1 -	- 2 1	- 1 -	- 1 -	- 1 2
148. Amputation,	T. - M. - F. -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
149. Other Affections of the Organs of Locomotion,	T. 1 M. 1 F. -	- - -	- - -	- - -	- 1 -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
X. MALFORMATIONS,	T. 285 M. 167 F. 118	- 16 12	- 13 12	- 18 10	- 13 8	- 15 10	- 12 14	- 12 6	- 16 11	- 9 7	- 9 10	- 13 9	- 21 9	- 21 9
150. Malformations, Congenital (Stillbirths excepted),	T. 285 M. 167 F. 118	- 16 12	- 13 12	- 18 10	- 13 8	- 15 10	- 12 14	- 12 6	- 16 11	- 9 7	- 9 10	- 13 9	- 21 9	- 21 9
XI. EARLY INFANCY,	T. 3,354 M. 1,921 F. 1,433	- 155 127	- 154 117	- 181 133	- 157 116	- 168 97	- 156 108	- 163 111	- 163 131	- 146 138	- 159 101	- 151 123	- 168 131	- 168 131
151. Congenital Icterus, Debility and Sclerema,	T. 3,347 M. 1,919 F. 1,428	- 155 126	- 154 117	- 181 133	- 157 116	- 167 97	- 156 108	- 163 111	- 163 129	- 146 137	- 158 101	- 151 123	- 168 130	- 168 130
152. Other Diseases of Early Infancy,	T. - M. - F. -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
153. Lack of Care,	T. 7 M. 2 F. 5	- - 1	- - 1	- - -	- - -	- 1 -	- - -	- - -	- - 2	- 1 -	- 1 -	- - -	- - 1	- - 1
XII. OLD AGE,	T. 840 M. 342 F. 498	- 36 57	- 32 40	- 39 59	- 29 36	- 28 40	- 26 31	- 21 37	- 25 43	- 25 35	- 27 33	- 27 34	- 27 53	- 27 53
154. Senile Debility,	T. 840 M. 342 F. 498	- 36 57	- 32 40	- 39 59	- 29 36	- 28 40	- 26 31	- 21 37	- 25 43	- 25 35	- 27 33	- 27 34	- 27 53	- 27 53
XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES,	T. 2,578 M. 1,932 F. 646	- 132 50	- 129 46	- 131 37	- 142 62	- 155 58	- 213 62	- 215 60	- 193 57	- 143 50	- 158 46	- 146 54	- 175 64	- 175 64
155. Suicide by Poison,	T. 101 M. 68 F. 33	- 7 2	- 8 1	- 11 4	- 7 3	- 6 6	- 1 1	- 8 1	- 5 3	- 3 2	- 5 2	- 4 6	- 3 2	- 3 2
156. Suicide by Asphyxia,	T. 56 M. 37 F. 19	- 3 1	- 2 1	- 2 -	- 7 1	- 2 2	- 2 3	- 2 -	- 4 2	- 2 -	- 5 2	- 2 2	- 4 5	- 4 5

Nosological Arrangement.

AGES.																	
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	1	-	1	-	-	-	-	1	1	-	1	-	1	1	-	-	-
10	-	-	-	-	-	-	-	-	4	-	-	2	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	4	3	1	2	2	2	-	2	5	6	5	4	3	1	-	-	-
14	7	1	2	-	2	4	-	1	1	2	6	4	3	4	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	4	3	1	2	2	2	-	2	4	6	2	3	2	-	-	-	-
14	7	1	2	-	2	4	-	-	1	2	5	2	2	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	1	1	-	3	1	1	1	-	-	-
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152	9	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
107	7	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
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152	9	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
107	7	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
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1,921	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,433	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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1,919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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34	30	44	20	18	94	77	105	323	340	322	221	147	87	57	6	-	7
15	30	26	22	18	38	19	17	73	59	57	60	44	84	69	15	-	-
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-	-	-	-	-	-	-	2	12	9	18	12	10	4	-	-	-	1
-	-	-	-	-	-	-	2	13	6	6	5	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	7	7	7	11	4	-	-	-	-	-
-	-	-	-	-	-	-	-	5	2	1	6	4	1	-	-	-	-

TABLE IX. — Continued.

[illegible]

Nosological Arrangement.

AGES.																			
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.		
-	-	-	-	-	-	-	3	7 5	10 7	4 4	14 5	5 4	4 2	1	-	-	1		
-	-	-	-	-	-	-	-	6	6 2	9 2	2 3	4 1	1	1	-	-	-		
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1	2 1	1	-	1 1	13 2	6 2	7 1	29 2	44 3	40 2	24 4	19 6	15 20	13 31	3 5	-	-		
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8 4	10 3	9 8	7 2	4 6	36 11	35 5	39 5	143 11	138 6	135 13	86 11	62 9	35 39	29 29	2 8	-	1		
8 4	10 16	22 11	10 18	9 10	10 18	1 3	1 3	4 13	6 21	10 15	11 13	3 14	8 13	- 6	1	-	-		
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TABLE IX. — Concluded.

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES — Con.														
174 Absorption of Deleterious Gases (Suicide excepted), .	T.	75	—	—	—	—	—	—	—	—	—	—	—	—
	M.	64	5	6	5	8	5	—	2	—	—	9	6	11
	F.	11	2	1	—	—	—	2	—	1	7	1	2	1
175. Other Acute Poisonings, .	T.	87	—	—	—	—	—	—	—	—	—	—	—	—
	M.	52	6	5	2	9	3	1	8	4	2	5	4	3
	F.	35	4	2	2	2	2	2	2	4	7	2	2	4
176. Other External Violence, .	T.	84	—	—	—	—	—	—	—	—	—	—	—	—
	M.	68	4	4	4	3	3	17	8	8	3	6	3	5
	F.	16	2	2	2	2	1	1	2	3	—	1	—	—
XIV. ILL-DEFINED DISEASES,	T.	160	—	—	—	—	—	—	—	—	—	—	—	—
	M.	92	7	3	5	10	8	4	9	8	11	12	9	6
	F.	68	4	4	5	6	6	4	6	9	4	8	6	6
177. Dropsy,	T.	14	—	—	—	—	—	—	—	—	—	—	—	—
	M.	9	1	—	—	1	1	—	—	1	3	1	—	1
	F.	5	—	—	—	—	—	1	—	3	—	1	—	—
178. Sudden Death,	T.	—	—	—	—	—	—	—	—	—	—	—	—	—
	M.	—	—	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—	—	—
179. Non-specified or Ill-defined Causes of Death,	T.	146	—	—	—	—	—	—	—	—	—	—	—	—
	M.	83	6	3	5	9	7	4	9	7	8	11	9	5
	F.	63	4	4	5	6	6	3	6	6	4	7	6	6

Nosological Arrangement.

AGES.																	
Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	5	5	15	9	8	9	4	4	1	-	-
1	-	-	-	-	1	-	-	1	1	4	2	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	5	5	1	1	1	1	3	5	8	7	6	3	-	-	-	-	-
2	5	5	1	1	4	1	-	3	3	3	3	2	2	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	2	-	5	23	15	12	2	2	1	-	-	-	-
2	1	-	-	-	1	-	1	5	2	3	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	10	4	2	-	1	2	2	2	8	14	16	2	3	3	1	-	-
17	11	1	2	-	-	-	-	4	3	10	14	3	2	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	1	-	-	-	-	-	2	3	3	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	10	4	2	-	1	1	2	2	8	14	16	2	-	-	-	-	-
17	11	1	2	-	-	-	-	4	3	10	14	1	-	-	-	-	1

TABLE X. — CAUSES OF

CLASSIFICATION AS ADOPTED BY THE

Exhibiting the Number of Deaths in Each County and in

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
All Causes,	51,236	511	1,519	5,550
<i>I. General Diseases,</i>	13,153	122	334	1,228
<i>II. Diseases of the Nervous System and Organs of Special Sense,</i>	5,908	73	173	593
<i>III. Diseases of the Circulatory Apparatus,</i> .	7,182	104	215	536
<i>IV. Diseases of the Respiratory Apparatus,</i> .	7,478	50	218	889
<i>V. Diseases of the Digestive Apparatus,</i> .	6,172	46	206	1,066
<i>VI. Diseases of the Genito-Urinary Apparatus and its Adnexa,</i>	3,356	39	117	308
<i>VII. Puerperal State,</i>	456	7	10	40
<i>VIII. Diseases of the Skin and Cellular Tissue,</i>	209	3	6	23
<i>IX. Diseases of the Organs of Locomotion,</i> .	105	—	3	24
<i>X. Malformations,</i>	285	—	8	26
<i>XI. Early Infancy,</i>	3,354	26	104	500
<i>XII. Old Age,</i>	840	19	20	90
<i>XIII. Affections produced by External Causes,</i> .	2,578	22	99	191
<i>XIV. Ill-defined Diseases,</i>	160	—	6	36

DEATH. — *Nosological Arrangement.*

INTERNATIONAL COMMISSION — AUGUST, 1900.

the State from Various Causes during the Year 1909.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
77	6,586	604	3,601	924	9,725	70	2,322	1,969	11,898	5,880
17	1,694	125	907	225	2,686	23	584	535	3,221	1,452
10	759	102	336	139	1,088	9	318	270	1,235	803
20	938	94	394	123	1,502	13	466	308	1,655	814
6	969	71	522	112	1,408	5	275	262	1,874	817
5	819	49	501	99	989	2	199	172	1,369	650
3	422	43	290	59	633	8	164	129	784	357
—	60	6	45	10	64	—	11	26	130	47
1	30	1	14	7	31	—	11	11	41	30
—	11	2	7	1	15	—	6	1	26	9
—	44	3	21	6	58	1	7	15	66	30
2	373	33	320	53	590	—	118	113	698	424
7	126	28	39	49	179	3	37	39	54	150
6	319	41	201	37	462	6	122	85	703	284
—	22	6	4	4	20	—	4	3	42	13

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
I. <i>General Diseases,</i>	13,153	122	334	1,228
1. Typhoid Fever (Abdominal Typhus), . .	390	3	17	62
2. Typhus, Exanthematic,	—	—	—	—
3. Fever, Recurrent,	—	—	—	—
4. Fever, Intermittent, and Malarial Cachexia,	20	1	—	—
5. Variola,	1	—	—	—
6. Measles,	157	1	6	7
7. Scarlatina,	259	—	5	16
8. Whooping Cough,	250	—	8	36
9. Diphtheria and Croup,	91	—	1	14
9a. Diphtheria,	603	4	7	37
10. Grippe,	237	5	15	18
11. Miliary Fever,	—	—	—	—
12. Cholera, Asiatic,	—	—	—	—
13. Cholera, Nostras,	—	—	—	—
14. Dysentery,	215	3	2	17
15. Pest (Plague),	—	—	—	—
16. Yellow Fever,	—	—	—	—
17. Leprosy,	—	—	—	—
18. Erysipelas,	181	—	3	15
19. Other Epidemic Affections,	4	—	—	—
20. Purulent Infection and Septicæmia, . .	249	3	3	21
21. Glanders and Farcy,	1	—	—	—
22. Malignant Pustule and Charbon (Anthrax),	1	—	—	—
23. Rabies,	5	—	—	—
24. Actinomycosis, Trichinosis, etc., . .	1	—	—	—
25. Pellagra,	1	—	—	—
26. Tubercle of Larynx,	2	—	—	—
27. Tubercle of Lungs,	4,393	32	116	392
28. Tubercle of Meninges,	390	—	7	38
29. Tubercle, Abdominal,	998	8	24	169
30. Pott's Disease,	40	—	—	1
31. Abscess, Cold and by Congestion, . .	—	—	—	—
32. White Tumors (White Swellings), . .	31	—	2	3
33. Tubercle of Other Organs,	52	—	—	4
34. Generalized Tubercle,	94	1	1	3
35. Scrofula,	1	—	—	—
36. Syphilis,	120	1	1	15
37. Blennorrhagia of the Adult,	—	—	—	—
38. Gonococcic Infections of Children, . .	1	—	—	—
39. Cancer and Other Malignant Tumors of the Buccal Cavity,	55	—	3	4
40. Cancer and Other Malignant Tumors of the Stomach and Liver,	1,390	22	39	100

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
17	1,694	125	907	225	2,686	23	584	535	3,221	1,452
1	49	1	27	2	63	—	16	14	99	36
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	1	—	2	—	7	—	3	2	3	1
—	—	—	—	—	—	—	—	—	1	—
—	25	—	13	4	27	—	5	9	39	21
—	20	2	31	4	56	1	7	7	83	27
—	29	—	20	4	43	—	12	10	38	50
—	16	1	15	2	19	—	1	3	9	10
—	85	4	49	9	123	—	20	14	192	59
2	30	8	22	6	46	5	18	19	19	24
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	64	2	15	5	33	—	5	20	15	34
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
1	15	1	21	6	27	—	5	8	58	21
—	—	—	—	—	—	—	1	—	2	1
—	39	1	21	1	30	—	17	8	89	16
—	—	—	—	—	1	—	—	—	—	—
—	1	—	—	—	—	—	—	—	—	—
—	1	—	—	—	1	—	—	—	3	—
—	—	—	—	—	—	—	—	—	1	—
—	—	—	—	—	—	—	—	—	—	1
—	—	—	—	—	—	—	—	—	—	—
—	—	—	1	—	—	—	—	—	1	—
1	518	28	266	64	1,067	6	172	164	1,089	478
—	49	1	16	9	93	—	14	17	110	36
2	147	10	107	12	138	1	41	39	199	101
—	9	1	4	—	7	—	6	1	7	4
—	—	—	—	—	—	—	—	—	—	—
—	2	—	—	—	7	—	—	2	12	3
—	5	—	7	3	5	—	2	2	18	6
—	2	1	5	—	34	—	9	3	21	14
—	—	—	—	—	—	—	—	—	—	1
—	8	—	4	1	28	—	1	2	54	5
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	1	—	—	—	—	—
—	4	2	5	—	10	—	2	2	20	3
4	193	18	78	32	245	3	81	63	362	150

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
I. <i>General Diseases</i> — Con.				
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum,	115	1	2	13
42. Cancer and Other Malignant Tumors of the Female Genitals,	408	3	9	38
43. Cancer and Other Malignant Tumors of the Breast,	318	3	8	20
44. Cancer and Other Malignant Tumors of the Skin,	178	6	3	8
45. Cancer and Other Malignant Tumors of Other Organs and Organs not Specified,	407	7	11	41
46. Other Tumors (Tumors of the Female Genitals excepted),	59	3	—	7
47. Rheumatism, Acute, Articular,	334	6	13	27
48. Rheumatism, Chronic and Gout,	—	—	—	—
49. Scorbutus,	4	—	—	2
50. Diabetes,	512	5	10	48
51. Goiter, Exophthalmic,	2	—	—	—
52. Addison's Disease,	20	—	1	1
53. Leukæmia,	37	—	1	6
54. Anæmia, Chlorosis,	336	3	9	32
55. Other General Diseases,	4	1	—	1
56. Alcoholism, Acute and Chronic,	174	—	7	11
57. Saturnism,	5	—	—	—
58. Other Professional Intoxications,	—	—	—	—
59. Other Chronic Poisonings,	7	—	—	1
II. <i>Diseases of the Nervous System and the Organs of Special Sense,</i>				
	5,908	73	173	593
60. Encephalitis,	1	—	1	—
61. Meningitis, Simple,	654	2	25	81
61a. Meningitis, Epidemic Cerebro-spinal,	124	—	2	11
62. Locomotor Ataxia, Progressive,	67	1	1	4
63. Other Diseases of the Spinal Cord,	99	—	4	7
64. Cerebral Congestion and Hemorrhage,	3,128	45	104	260
65. Cerebral Softening,	83	1	1	7
66. Paralysis without Specified Cause,	571	10	9	77
67. Paralysis, General,	222	2	1	16
68. Other Forms of Mental Alienation,	204	1	2	15
69. Epilepsy,	154	—	1	17
70. Eclampsia (non-puerperal),	9	—	—	1
71. Convulsions of Children,	351	6	11	76

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
-	19	1	6	3	17	-	6	8	30	9
-	54	4	24	9	94	1	13	12	99	48
1	36	2	12	8	80	1	20	19	62	46
-	26	3	8	2	42	3	10	6	43	18
1	57	11	18	10	70	-	22	14	111	34
-	9	-	3	-	13	-	2	3	11	8
-	40	6	34	8	59	-	11	9	76	45
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1	-	-	-	1	-
2	68	8	32	12	96	2	31	26	100	72
-	-	-	1	-	-	-	1	-	-	-
-	1	-	2	-	6	-	-	1	6	2
-	2	1	4	1	5	-	3	1	10	3
-	33	6	22	6	73	-	23	15	66	48
-	-	-	-	-	-	-	-	-	-	2
2	35	2	12	2	17	-	4	9	58	15
-	1	-	-	-	2	-	-	1	1	-
-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	-	-	2	3	-
10	759	102	336	139	1,088	9	318	270	1,235	803
-	-	-	-	-	-	-	-	-	-	-
-	74	13	73	14	108	-	29	30	128	77
-	16	2	5	5	20	-	4	4	38	17
-	9	1	2	4	11	1	4	7	16	6
-	15	4	5	-	24	-	-	1	31	8
7	389	58	132	68	647	3	167	140	726	382
-	15	-	9	2	10	-	11	5	11	11
2	84	10	34	16	109	1	40	22	83	74
-	41	3	5	12	30	2	9	9	38	54
-	17	3	3	2	24	1	13	15	31	77
-	15	-	31	2	24	-	13	9	14	28
-	1	-	-	-	1	-	1	1	2	2
1	51	3	25	11	32	-	14	19	72	30

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
II. <i>Diseases of the Nervous System and the Organs of Special Sense — Con.</i>				
72. Tetanus,	30	—	2	2
73. Chorea,	7	—	—	1
74. Other Diseases of the Nervous System, .	179	5	9	17
75. Diseases of the Eye and its Adnexa, .	4	—	—	—
76. Diseases of the Ear,	21	—	—	1
III. <i>Diseases of the Circulatory Apparatus, .</i>	7,182	104	215	536
77. Pericarditis,	—	—	—	—
78. Endocarditis, Acute,	1,435	12	43	70
79. Organic Diseases of the Heart, . . .	4,069	66	142	322
80. Angina Pectoris,	374	5	8	18
81. Affections of the Arteries (Atheroma, Aneurism, etc.),	1,168	16	9	121
82. Embolus and Thrombosis,	70	5	11	2
83. Affections of the Veins (Varices, Hemorrhoids, Phlebitis),	18	—	—	1
84. Affections of the Lymphatic System (Lymphangitis, etc.),	10	—	—	—
85. Hemorrhages,	37	—	2	2
86. Other Affections of the Circulatory System,	1	—	—	—
IV. <i>Diseases of the Respiratory System, . .</i>	7,478	50	218	889
87. Diseases of the Nasal Fossæ,	8	—	2	—
88. Affections of the Larynx,	63	1	1	11
89. Affections of the Thyroid Body, . . .	26	—	—	1
90. Bronchitis, Acute,	768	8	15	146
91. Bronchitis, Chronic,	328	6	9	41
92. Broncho-Pneumonia,	1,478	6	42	178
93. Pneumonia,	4,157	21	119	431
94. Pleurisy,	173	1	7	11
95. Pulmonary Congestion and Apoplexy, .	294	4	13	41
96. Gangrene of the Lung,	28	—	—	3
97. Asthma,	132	2	10	23
98. Pulmonary Emphysema,	—	—	—	—
99. Other Diseases of the Respiratory Apparatus (Phthisis excepted),	23	1	—	3
V. <i>Diseases of the Digestive Apparatus, . .</i>	6,172	46	206	1,066
100. Affections of the Mouth and its Adnexa, .	9	—	—	—
101. Affections of the Pharynx,	59	—	2	9
102. Affections of the Œsophagus,	8	—	—	—
103. Ulcer of the Stomach,	157	1	7	10

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
-	7	2	-	-	7	-	1	-	3	6
-	-	-	1	-	-	-	-	-	4	1
-	21	2	8	3	37	-	11	7	35	24
-	-	-	-	-	-	1	-	1	-	2
-	4	1	3	-	4	-	1	-	3	4
20	938	94	394	123	1,502	13	466	308	1,655	814
-	-	-	-	-	-	-	-	-	-	-
-	166	11	79	24	308	4	77	50	422	169
14	572	65	217	66	770	5	262	191	911	466
-	33	5	34	8	90	-	18	13	109	33
6	144	10	62	15	315	4	97	49	189	131
-	14	3	-	6	8	-	10	1	-	10
-	4	-	1	-	1	-	1	1	8	1
-	1	-	-	-	5	-	-	-	3	1
-	3	-	1	4	5	-	1	3	13	3
-	1	-	-	-	-	-	-	-	-	-
6	969	71	522	112	1,408	5	275	262	1,874	817
-	1	-	1	-	1	-	-	1	2	-
-	6	1	4	5	14	-	2	5	8	5
-	5	-	-	-	5	-	-	2	10	3
1	86	5	40	15	154	1	30	32	156	79
-	40	7	13	3	85	-	15	15	55	39
3	204	15	96	16	225	3	41	37	454	158
-	551	39	311	59	820	-	155	151	1,032	468
-	23	-	18	4	29	1	9	4	53	13
2	38	2	30	4	38	-	15	9	71	27
-	4	-	1	-	8	-	-	1	6	5
-	11	1	7	5	27	-	4	4	22	16
-	-	-	-	-	-	-	-	-	-	-
-	-	1	1	1	2	-	4	1	5	4
5	819	49	501	99	989	2	199	172	1,369	650
-	1	-	2	-	3	-	-	1	2	-
1	4	1	4	3	15	-	1	2	11	6
-	4	-	2	-	-	-	-	1	1	-
1	20	1	8	1	30	-	7	5	48	18

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
V. <i>Diseases of the Digestive Apparatus — Con.</i>				
104. Other Affections of the Stomach (Cancer excepted),	1,021	11	33	169
105. Diarrhœa and Enteritis (under 2 years),	2,855	14	93	663
106. Diarrhœa and Enteritis (2 years and over),	497	8	15	73
107. Intestinal Parasites,	3	—	—	2
108. Hernias; Intestinal Obstruction,	401	4	16	33
109. Other Affections of the Intestines,	59	—	3	5
110. Icterus Gravis,	—	—	—	—
111. Tumors, Hydatid, of the Liver,	—	—	—	—
112. Cirrhosis of the Liver,	238	3	8	29
113. Biliary Calculi,	148	3	6	11
114. Other Affections of the Liver,	41	—	—	6
115. Affections of the Spleen,	74	—	7	4
116. Peritonitis, Simple (Puerperal excepted),	295	1	4	28
117. Other Affections of the Digestive Apparatus (Cancer and Tubercle excepted),	22	—	—	1
118. Appendicitis and Abscess of the Iliac Fossa,	285	1	12	23
VI. <i>Diseases of the Genito-Urinary Apparatus and its Adnexa,</i>				
	3,356	39	117	308
119. Nephritis, Acute,	1,922	19	59	181
120. Bright's Disease,	961	16	41	88
121. Other Diseases of the Kidneys and their Adnexa,	8	—	—	—
122. Calculi of the Urinary Tract,	2	—	—	—
123. Diseases of the Bladder,	190	2	8	23
124. Diseases of the Urethra, Urinary Abscess, etc.,	10	—	—	—
125. Diseases of the Prostate,	102	1	4	6
126. Non-venereal Diseases of the Male Genital Organs,	1	—	—	—
127. Metritis,	4	—	—	—
128. Hemorrhage, Uterine (non-puerperal),	11	1	1	2
129. Tumor, Uterine (non-cancerous),	51	—	1	3
130. Other Diseases of the Uterus,	25	—	—	4
131. Cysts and Other Tumors of the Ovary,	15	—	—	—
132. Other Diseases of the Female Genital Organs,	51	—	3	1
133. Non-puerperal Diseases of the Breast (Cancer excepted),	3	—	—	—

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
-	96	18	61	14	139	-	36	22	308	114
-	430	13	288	47	431	1	61	64	460	290
1	74	5	29	5	105	-	28	18	77	59
-	-	-	-	-	-	-	-	-	-	1
-	49	5	33	8	78	-	15	21	105	34
-	4	-	3	-	11	-	3	4	21	5
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
1	22	1	17	8	39	-	12	7	66	25
-	22	1	6	2	29	-	8	3	47	10
-	4	-	5	1	7	-	-	3	10	5
-	7	-	7	4	11	-	2	6	11	15
-	31	1	17	4	46	-	18	7	105	33
-	5	-	-	-	2	-	-	1	9	4
1	46	3	19	2	43	1	8	7	88	31
3	422	43	290	59	633	8	164	129	784	357
3	241	21	167	26	375	6	77	66	485	196
-	134	15	93	20	181	1	69	41	162	100
-	-	-	-	-	-	-	-	-	8	-
-	-	-	-	-	-	-	-	-	1	1
-	19	4	12	5	31	1	9	10	37	29
-	1	-	1	-	1	-	-	-	7	-
-	14	1	4	3	14	-	5	4	32	14
-	-	-	-	-	-	-	-	1	-	-
-	-	1	1	-	1	-	-	-	-	1
-	-	-	-	-	3	-	1	-	2	1
-	7	1	4	-	7	-	1	3	20	4
-	-	-	2	-	5	-	1	2	6	5
-	2	-	3	1	4	-	1	1	1	2
-	4	-	3	1	11	-	-	1	23	4
-	-	-	-	3	-	-	-	-	-	-

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
VII. <i>The Puerperal State</i> ,	456	7	10	40
134. Accidents of Pregnancy,	61	1	1	2
135. Hemorrhage, Puerperal,	31	—	—	4
136. Other Accidents of Labor,	27	—	2	2
137. Septicæmia, Puerperal,	89	3	2	5
138. Albuminuria and Puerperal Eclampsia, .	105	2	1	11
139. Phlegmasia Alba Dolens, Puerperal, .	—	—	—	—
140. Other Puerperal Accidents — Sudden Deaths,	143	1	4	16
141. Puerperal Diseases of the Breast, . . .	—	—	—	—
VIII. <i>Diseases of the Skin and Cellular Tissue</i> ,	209	3	6	23
142. Gangrene,	140	2	4	16
143. Furuncle (Carbuncle),	14	—	1	1
144. Abscess, Warm,	24	—	—	4
145. Other Diseases of the Skin and its Adnexa,	31	1	1	2
IX. <i>Diseases of the Organs of Locomotion</i> ,	105	—	3	24
146. Affections of the Bones (non-tuberculous),	89	—	1	22
147. Arthritis and Other Affections of the Joints (Tubercle and Rheumatism excepted),	15	—	2	2
148. Amputation,	—	—	—	—
149. Other Affections of the Organs of Locomotion,	1	—	—	—
X. <i>Malformations</i> ,	285	—	8	26
150. Malformations, Congenital (Stillbirths excepted),	285	—	8	26
XI. <i>Early Infancy</i> ,	3,354	26	104	500
151. Congenital Icterus, Debility and Sclerema,	3,347	26	104	500
152. Other Diseases of Early Infancy, . . .	—	—	—	—
153. Lack of Care,	7	—	—	—

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
-	60	6	45	10	64	-	11	26	130	47
-	10	-	12	-	6	-	2	2	21	4
-	3	-	6	2	3	-	-	1	5	7
-	8	-	1	1	3	-	1	-	7	2
-	16	2	14	1	6	-	3	8	26	3
-	9	-	3	3	18	-	3	7	36	12
-	-	-	-	-	-	-	-	-	-	-
-	14	4	9	3	28	-	2	8	35	19
-	-	-	-	-	-	-	-	-	-	-
1	30	1	14	7	31	-	11	11	41	30
1	20	1	8	4	25	-	9	7	19	24
-	4	-	1	-	-	-	1	-	5	1
-	2	-	-	1	2	-	1	3	8	3
-	4	-	5	2	4	-	-	1	9	2
-	11	2	7	1	15	-	6	1	26	9
-	11	1	7	1	11	-	5	1	22	7
-	-	1	-	-	3	-	1	-	4	2
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1	-	-	-	-	-
-	44	3	21	6	58	1	7	15	66	30
-	44	3	21	6	58	1	7	15	66	30
2	373	33	320	53	590	-	118	113	698	424
2	372	33	318	53	589	-	118	112	697	423
-	-	-	-	-	-	-	-	-	-	-
-	1	-	2	-	1	-	-	1	1	1

TABLE X. — Concluded.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
XII. <i>Old Age</i> ,	840	19	20	90
154. Senile Debility,	840	19	20	90
XIII. <i>Affections Produced by External Causes</i> ,	2,578	22	99	191
155. Suicide by Poison,	101	—	4	4
156. Suicide by Asphyxia,	56	—	—	3
157. Suicide by Hanging or Strangulation,	76	—	1	6
158. Suicide by Submersion,	37	1	2	2
159. Suicide by Firearms,	107	—	3	7
160. Suicide by Cutting Instruments,	30	1	1	4
161. Suicide by Jumping from High Places,	5	1	—	—
162. Suicide by Crushing,	2	—	—	—
163. Other Suicides,	2	—	—	—
164. Fractures,	298	1	9	13
165. Luxations,	—	—	—	—
166. Other Accidental Traumatisms,	949	3	45	78
167. Burns and Scalds,	292	2	13	24
168. Burning by Corrosive Substances,	—	—	—	—
169. Insolation,	39	1	—	4
170. Freezing,	16	—	—	—
171. Electrical Disturbances,	6	—	—	2
172. Accidental Submersion,	313	12	10	23
173. Inanition,	3	—	—	—
174. Absorption of Deleterious Gases (Suicide excepted),	75	—	2	6
175. Other Acute Poisonings,	87	—	6	10
176. Other External Violence,	84	—	3	5
XIV. <i>Ill-defined Diseases</i> ,	160	—	6	36
177. Dropsy,	14	—	4	—
178. Sudden Death,	—	—	—	—
179. Non-specified or Ill-defined Causes of Death,	146	—	2	36

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
7	126	28	39	49	179	3	37	39	54	150
7	126	28	39	49	179	3	37	39	54	150
6	319	41	201	37	462	6	122	85	703	284
—	11	—	16	3	19	—	4	4	33	3
—	10	—	5	—	14	—	—	—	22	2
—	16	1	—	2	12	—	2	8	15	13
—	6	—	4	—	11	—	1	1	6	3
—	13	2	5	3	14	1	5	8	33	13
—	3	—	3	1	6	—	1	1	8	1
—	—	—	1	—	—	—	—	—	3	—
—	—	—	—	—	—	—	—	—	2	—
—	1	—	—	—	1	—	—	—	—	—
—	20	2	30	—	45	1	12	13	117	35
—	—	—	—	—	—	—	—	—	—	—
2	105	25	73	17	177	1	52	14	232	125
—	48	3	26	2	51	—	10	10	76	27
—	—	—	—	—	—	—	—	—	—	—
—	7	—	4	1	12	—	2	—	6	2
—	2	—	—	1	3	—	2	1	1	6
—	1	—	—	1	—	—	—	—	2	—
2	47	6	19	5	53	3	22	12	65	34
—	—	—	1	—	2	—	—	—	—	—
2	10	—	5	—	14	—	1	5	28	2
—	14	2	6	1	16	—	1	2	21	8
—	5	—	3	—	12	—	7	6	33	10
—	22	6	4	4	20	—	4	3	42	13
—	2	—	—	—	1	—	3	1	—	3
—	—	—	—	—	—	—	—	—	—	—
—	20	6	4	4	19	—	1	2	42	10

DEATHS FROM SPECIAL CAUSES

1909.

TABLE XI.—DEATHS IN EACH CITY AND TOWN

THE STATE AND COUNTIES.	Popu- lation in 1905.	Var- i- ola.	Meas- les.	Scarlatina.	Diphtheria.	Diphtheria Croup.	Cerebro-spinal Meningitis.	Whooping- cough.	Typhoid Fever.
MASSACHUSETTS.	3,003,680	1	157	259	603	91	124	250	390
Barnstable,	26,831	-	1	-	4	-	-	-	3
Berkshire,	98,330	-	6	5	7	1	2	8	17
Bristol,	269,257	-	7	16	37	14	11	36	62
Dukes County,	4,551	-	-	-	-	-	-	-	1
Essex,	381,181	-	25	20	85	16	16	29	49
Franklin,	43,362	-	-	2	4	1	2	-	1
Hampden,	196,013	-	13	31	49	15	5	20	27
Hampshire,	62,227	-	4	4	9	2	5	4	2
Middlesex,	608,499	-	27	56	123	19	20	43	63
Nantucket,	2,930	-	-	1	-	-	-	-	-
Norfolk,	167,537	-	5	7	20	1	4	12	16
Plymouth,	127,932	-	9	7	14	3	4	10	14
Suffolk,	652,362	1	39	83	192	9	38	38	99
Worcester,	362,668	-	21	27	59	10	17	50	36
Barnstable,	26,831	-	1	-	4	-	-	-	3
Barnstable,	4,336	-	1	-	-	-	-	-	-
Bourne,	1,786	-	-	-	-	-	-	-	-
Brewster,	739	-	-	-	-	-	-	-	-
Chatham,	1,634	-	-	-	-	-	-	-	-
Dennis,	1,998	-	-	-	-	-	-	-	-
Eastham,	519	-	-	-	-	-	-	-	-
Falmouth,	3,241	-	-	-	-	-	-	-	1
Harwich,	2,291	-	-	-	1	-	-	-	1
Mashpee,	317	-	-	-	-	-	-	-	-
Orleans,	1,052	-	-	-	-	-	-	-	-
Provincetown,	4,362	-	-	-	3	-	-	-	1
Sandwich,	1,433	-	-	-	-	-	-	-	-
Truro,	743	-	-	-	-	-	-	-	-
Wellfleet,	958	-	-	-	-	-	-	-	-
Yarmouth,	1,422	-	-	-	-	-	-	-	-
Berkshire,	98,330	-	6	5	7	1	2	8	17
Adams,	12,486	-	1	3	3	-	-	3	1
Alford,	275	-	-	-	-	-	-	-	-
Becket,	890	-	-	-	-	-	-	-	-
Cheshire,	1,281	-	-	-	-	-	-	-	-
Clarksburg,	1,200	-	-	-	-	-	-	-	-
Dalton,	3,122	-	-	-	-	-	1	-	-
Egremont,	721	-	-	-	-	-	-	-	1
Florida,	424	-	-	-	-	-	-	-	-
Great Barrington,	6,152	-	4	-	-	-	-	-	-
Hancock,	434	-	-	-	-	-	-	-	-
Hinsdale,	1,452	-	-	-	-	-	-	-	-
Lanesborough,	845	-	-	-	-	-	-	-	-
Lee,	3,972	-	-	1	-	-	1	1	-
Lenox,	3,058	-	-	-	-	-	-	-	-
Monterey,	444	-	-	-	-	-	-	-	-
Mount Washington,	87	-	-	-	-	-	-	-	-
New Ashford,	100	-	-	-	1	-	-	-	-
New Marlborough,	1,209	-	-	-	-	-	-	-	-
North Adams,	22,150	-	-	-	-	1	-	3	6
Otis,	534	-	-	-	-	-	-	-	-
Peru,	268	-	-	-	-	-	-	-	-
Pittsfield,	25,001	-	1	1	3	-	-	-	8
Richmond,	601	-	-	-	-	-	-	-	-

FROM SPECIAL CAUSES IN THE YEAR 1909.

Erysipelas.	Childbirth.	Dysentery.	Diarrhoea and Enteritis.	Cholera Nostras.	Alcoholism.	Tuberculosis of Lungs.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Electrocution.
181	456	215	3,352	-	174	4,393	3,128	1,096	5,635	285	1,913	61	7	416	3
-	7	3	22	-	-	32	45	14	27	1	19	-	-	3	-
3	10	2	108	-	7	116	104	24	161	12	77	2	-	11	-
15	40	17	736	-	11	392	260	187	609	23	144	5	-	26	-
1	-	-	1	-	2	1	7	1	3	1	4	-	-	-	-
15	60	64	504	-	35	518	389	126	755	46	230	2	3	60	-
1	6	2	18	-	2	28	58	12	54	3	36	-	-	3	-
21	45	15	317	-	12	266	132	53	407	19	152	1	1	34	-
6	10	5	52	-	2	64	68	18	75	2	27	-	-	9	-
27	64	33	536	-	17	1,067	647	239	1,045	43	341	12	-	77	-
-	-	-	1	-	-	6	3	1	3	1	5	-	-	1	-
5	11	5	89	-	4	172	167	45	196	8	100	3	2	13	-
8	26	20	82	-	9	164	140	47	183	7	50	4	-	22	-
58	130	15	537	-	58	1,089	726	211	1,486	88	499	24	-	122	3
21	47	34	349	-	15	478	382	118	626	31	229	8	1	35	-
-	7	3	22	-	-	32	45	14	27	1	19	-	-	3	-
-	2	-	1	-	-	2	7	3	6	-	5	-	-	1	-
-	1	-	1	-	-	2	1	-	1	-	1	-	-	-	-
-	-	-	-	-	-	3	-	-	1	-	-	-	-	-	-
-	-	-	1	-	-	1	2	-	1	-	-	-	-	-	-
-	1	-	-	-	-	4	5	-	1	-	1	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	2	2	-	-	3	4	2	3	-	3	-	-	-	-
-	-	-	-	-	-	2	6	1	5	-	1	-	-	1	-
-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	3	-	-	3	1	-	-	-	-	-
-	2	1	12	-	-	7	4	6	5	-	4	-	-	1	-
-	-	-	4	-	-	2	5	2	1	-	1	-	-	-	-
-	-	-	1	-	-	2	3	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	2	-	-	-	3	-	-	-	-
3	10	2	108	-	7	116	104	24	161	12	77	2	-	11	-
1	2	-	25	-	1	21	6	2	14	1	4	-	-	2	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	2	-	-	-	1	-	-	-	3	-	-	1	-
-	-	-	-	-	-	1	2	-	-	-	1	-	-	-	-
-	1	-	2	-	-	-	4	-	3	-	-	-	-	-	-
-	-	-	2	-	-	3	3	2	5	-	-	-	-	1	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
1	-	-	5	-	1	2	8	-	5	-	4	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	1	-	-	-	-	4	4	-	3	-	-	-	-
-	1	-	5	-	-	2	1	2	1	-	-	-	-	-	-
-	-	-	1	-	-	6	6	2	4	-	6	-	-	1	-
-	-	-	-	-	-	-	4	-	1	-	7	-	-	1	-
-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	5	1	37	-	5	30	14	5	35	6	11	1	-	4	-
-	-	-	-	-	-	2	1	-	1	-	-	-	-	-	-
-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-
-	1	-	22	-	-	37	36	6	58	5	30	1	-	1	-
-	-	-	1	-	-	1	-	-	-	-	2	-	-	-	-

TABLE XI. — Continued.

COUNTIES, CITIES AND TOWNS.	Popu- lation in 1905.	Var- i- ola.	Meas- les.	Scar- latina.	Diph- theria.	Diph- theric Group.	Cerebro-spinal Meningitis.	Whoop- ing- cough.	Typhoid Fever.
Berkshire — Con.									
Sandisfield,	657	-	-	-	-	-	-	-	-
Savoy,	549	-	-	-	-	-	-	-	1
Sheffield,	1,782	-	-	-	-	-	-	-	-
Stockbridge,	2,022	-	-	-	-	-	-	-	-
Tyringham,	314	-	-	-	-	-	-	-	-
Washington,	339	-	-	-	-	-	-	-	-
West Stockbridge,	1,023	-	-	-	-	-	-	-	-
Williamstown,	4,425	-	-	-	-	-	-	1	-
Windsor,	513	-	-	-	-	-	-	-	-
Bristol,	269,257	-	7	16	37	14	11	36	62
Acushnet,	1,284	-	-	-	-	-	1	-	-
Attleborough,	12,702	-	-	-	3	-	-	-	1
Berkley,	931	-	-	-	-	-	-	-	-
Dartmouth,	3,793	-	-	-	-	-	-	1	1
Dighton,	2,070	-	-	-	-	-	-	-	-
Easton,	4,909	-	-	-	2	-	-	-	-
Fairhaven,	4,235	-	1	-	1	-	-	-	-
Fall River,	105,762	-	1	5	10	10	1	10	26
Freetown,	1,470	-	-	-	-	-	-	1	-
Mansfield,	4,245	-	-	-	3	-	-	1	-
New Bedford,	74,362	-	1	7	13	4	7	15	22
North Attleborough,	7,878	-	-	-	1	-	1	1	-
Norton,	2,079	-	-	-	-	-	-	-	-
Raynham,	1,662	-	-	-	-	-	-	-	-
Rehoboth,	1,991	-	-	-	-	-	-	-	-
Seekonk,	1,917	-	-	-	1	-	-	-	-
Somerset,	2,294	-	1	-	-	-	1	-	-
Swansea,	1,839	-	-	-	-	-	-	1	-
Taunton,	30,967	-	3	4	3	-	-	6	12
Westport,	2,867	-	-	-	-	-	-	-	-
Dukes County,	4,551	-	-	-	-	-	-	-	1
Chilmark,	322	-	-	-	-	-	-	-	-
Edgartown,	1,175	-	-	-	-	-	-	-	-
Gay Head,	178	-	-	-	-	-	-	-	-
Gosnold,	161	-	-	-	-	-	-	-	-
Oak Bluffs,	1,138	-	-	-	-	-	-	-	-
Tisbury,	1,120	-	-	-	-	-	-	-	1
West Tisbury,	457	-	-	-	-	-	-	-	-
Essex,	381,181	-	25	20	85	16	16	29	49
Amesbury,	8,840	-	-	-	1	-	-	-	-
Andover,	6,632	-	-	-	-	-	-	1	1
Beverly,	15,223	-	-	-	2	-	1	1	1
Boxford,	665	-	-	-	-	-	-	-	-
Danvers,	9,063	-	-	-	-	-	3	-	2
Essex,	1,790	-	-	-	-	1	-	-	-
Georgetown,	1,840	-	-	-	-	-	-	-	-
Gloucester,	26,011	-	2	-	3	1	-	3	-
Groveland,	2,401	-	-	-	-	-	-	1	-
Hamilton,	1,646	-	-	-	-	-	-	-	-
Haverhill,	37,830	-	1	1	14	-	2	3	4
Ipswich,	5,205	-	-	-	-	1	-	1	1
Lawrence,	70,050	-	18	6	23	8	1	5	18
Lynn,	77,042	-	2	9	24	2	6	3	10
Lynnfield,	797	-	-	1	-	-	-	-	-
Manchester,	2,618	-	-	-	1	-	-	-	-
Marblehead,	7,209	-	-	-	1	-	-	2	2
Merrimac,	1,884	-	-	-	-	-	-	-	-
Methuen,	8,676	-	-	1	1	1	1	-	3
Middleton,	1,068	-	-	-	2	-	-	-	-
Nahant,	922	-	-	-	-	-	-	-	-
Newbury,	1,480	-	-	-	-	-	-	2	-

Deaths in Each City and Town from Special Causes.

Erysipelas.	Childbirth.	Dysentery.	Diarrhoea and Enteritis.	Cholera Nostras.	Alcoholism.	Tuberculosis of Lungs.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Electrocution.
-	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-
-	-	-	1	-	-	2	2	-	5	-	1	-	-	-	-
-	-	-	2	-	-	1	3	-	1	-	1	-	-	-	-
-	-	-	1	-	-	5	5	-	14	-	1	-	-	-	-
15	40	17	736	-	11	392	260	187	609	23	144	5	-	26	-
-	-	-	2	-	-	3	3	-	8	-	2	-	-	-	-
-	3	-	13	-	-	13	6	4	13	1	7	-	-	1	-
2	-	-	1	-	-	-	2	1	-	-	-	-	-	-	-
-	-	-	1	-	1	4	4	-	8	-	2	-	-	-	-
-	-	-	6	-	-	1	4	-	3	-	1	-	-	-	-
-	2	1	5	-	-	6	2	-	7	-	3	-	-	1	-
-	-	9	9	-	-	3	3	1	7	-	3	-	-	-	-
6	12	3	400	-	4	149	92	77	250	8	47	2	-	10	-
-	-	-	4	-	-	-	-	3	3	-	-	-	-	1	-
1	1	-	2	-	1	4	3	3	11	-	6	-	-	6	-
4	13	5	208	-	1	125	55	63	172	6	36	1	-	1	-
-	1	-	8	-	-	11	9	3	13	1	5	1	-	1	-
1	-	-	3	-	-	1	1	-	2	-	2	-	-	1	-
-	-	-	5	-	-	4	3	-	1	-	-	-	-	2	-
-	-	-	2	-	-	4	3	1	-	-	2	-	-	1	-
-	-	1	3	-	1	4	4	1	4	-	2	-	-	1	-
-	-	-	1	-	-	2	4	-	7	-	6	-	-	-	-
-	-	-	2	-	-	-	3	2	1	-	1	-	-	-	-
1	8	7	61	-	3	54	47	26	97	7	16	-	-	1	-
-	-	-	-	-	-	4	12	2	2	-	3	1	-	1	-
1	-	-	1	-	2	1	7	1	3	1	4	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	1	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	1	-	-	-	2	-	3	-	-	-	-
-	-	-	-	-	1	-	4	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	3	-	-	-	1	-	-	-	-
15	60	64	504	-	35	518	389	126	755	46	230	2	3	60	-
-	2	-	6	-	-	11	13	2	16	1	10	-	-	1	-
1	-	-	7	-	-	6	10	1	7	-	2	-	-	2	-
-	3	13	28	-	1	19	12	2	27	5	4	-	1	1	-
-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
2	1	26	7	-	2	22	19	2	60	1	2	-	-	2	-
-	-	-	2	-	-	2	3	1	6	-	-	-	-	-	-
-	-	-	-	-	-	1	-	1	3	-	2	-	-	-	-
-	3	1	26	-	3	34	25	3	26	2	11	-	-	1	-
-	-	-	1	-	-	3	2	-	1	-	1	-	-	1	-
-	-	-	2	-	-	1	2	-	2	-	-	-	-	-	-
2	6	-	25	-	6	49	38	6	54	9	22	1	1	9	-
-	1	2	11	-	-	2	4	3	10	-	4	-	-	-	-
4	19	3	194	-	9	132	55	43	208	8	53	1	-	11	-
2	13	3	59	-	8	98	87	19	115	9	39	-	-	10	-
-	1	-	-	-	-	4	1	-	2	-	1	-	-	-	-
-	-	-	1	-	-	1	1	-	2	-	1	-	-	-	-
1	-	1	3	-	-	3	8	4	19	-	4	-	-	2	-
-	-	-	1	-	-	4	3	1	5	-	-	-	-	-	-
-	-	1	17	-	2	15	9	6	13	-	6	-	-	2	-
-	-	-	1	-	-	2	-	-	1	-	4	-	-	-	-
-	1	-	1	-	-	1	-	-	4	-	-	-	-	-	-

TABLE XI. — Continued.

COUNTIES, CITIES AND TOWNS.	Popu- lation in 1905.	Vario- la.	Meas- les.	Scarlatina.	Diphtheria.	Diphtherie Croup.	Cerebro-spinal Meningitis.	Whoop- ing- cough.	Typhoid Fever.
Essex — Con.									
Newburyport,	14,675	-	-	-	4	-	1	-	2
North Andover,	4,614	-	1	-	-	-	-	-	-
Peabody,	13,098	-	-	-	4	-	-	2	3
Rockport,	4,447	-	-	-	-	-	-	-	-
Rowley,	1,388	-	1	-	-	-	-	-	-
Salem,	37,627	-	-	1	3	2	1	4	-
Salisbury,	1,622	-	-	-	-	-	-	1	-
Saugus,	6,253	-	-	1	1	-	-	-	1
Swampscott,	5,141	-	-	-	1	-	-	-	-
Topsfield,	1,095	-	-	-	-	-	-	-	-
Wenham,	924	-	-	-	-	-	-	-	-
West Newbury,	1,405	-	-	-	-	-	-	-	1
Franklin,	43,362	-	-	2	4	1	2	-	1
Ashfield,	959	-	-	-	-	-	-	-	-
Bernardston,	769	-	-	-	-	-	-	-	-
Buckland,	1,500	-	-	-	1	-	-	-	-
Charlemont,	1,002	-	-	-	1	-	-	-	-
Colrain,	1,780	-	-	-	-	-	-	-	-
Conway,	1,340	-	-	-	-	-	-	-	-
Deerfield,	2,112	-	-	-	-	-	1	-	-
Erving,	1,094	-	-	-	-	-	-	-	-
Gill,	1,023	-	-	-	-	-	-	-	-
Greenfield,	9,156	-	-	-	-	-	-	-	1
Hawley,	448	-	-	-	-	-	-	-	-
Heath,	356	-	-	-	-	-	-	-	-
Leverett,	703	-	-	-	-	-	-	-	-
Leyden,	408	-	-	-	-	-	-	-	-
Monroe,	269	-	-	-	-	-	-	-	-
Montague,	7,015	-	-	2	-	-	-	-	-
New Salem,	672	-	-	-	-	-	-	-	-
Northfield,	2,017	-	-	-	-	-	-	-	-
Orange,	5,578	-	-	-	-	-	1	-	-
Rowe,	533	-	-	-	-	-	-	-	-
Shelburne,	1,515	-	-	-	-	-	-	-	-
Shutesbury,	374	-	-	-	-	1	-	-	-
Sunderland,	910	-	-	-	1	-	-	-	-
Warwick,	527	-	-	-	1	-	-	-	-
Wendell,	480	-	-	-	-	-	-	-	-
Whately,	822	-	-	-	-	-	-	-	-
Hampden,	196,013	-	13	31	49	15	5	20	27
Agawam,	2,795	-	-	-	-	-	-	-	-
Blandford,	746	-	-	-	-	-	-	-	-
Brimfield,	894	-	-	-	-	-	-	1	-
Chester,	1,566	-	-	-	-	-	-	-	-
Chicopee,	20,191	-	1	2	3	6	-	4	1
East Longmeadow,	1,327	-	-	-	-	-	-	-	-
Granville,	865	-	-	-	-	-	-	-	-
Hampden,	561	-	-	-	-	-	-	-	-
Holland,	151	-	-	-	-	-	-	-	-
Holyoke,	49,934	-	5	1	8	2	3	4	8
Longmeadow,	964	-	-	-	-	-	-	-	-
Ludlow,	3,881	-	-	3	1	1	-	-	1
Monson,	4,344	-	-	-	-	-	-	-	-
Montgomery,	259	-	-	-	-	-	-	-	-
Palmer,	7,755	-	1	-	6	1	-	2	1
Russell,	1,053	-	-	-	-	-	-	-	-
Southwick,	1,048	-	-	-	-	-	-	-	-
Springfield,	73,540	-	6	24	28	4	1	3	11
Tolland,	274	-	-	-	-	-	-	-	-
Wales,	645	-	-	-	-	-	-	-	-
West Springfield,	8,101	-	-	-	1	1	-	1	2
Westfield,	13,611	-	-	-	2	-	1	5	3
Wilbraham,	1,708	-	-	1	-	-	-	-	-

Deaths in Each City and Town from Special Causes.

Erysipelas.	Childbirth.	Dysentery.	Diarrhea and Enteritis.	Cholera Nostras.	Alcoholism.	Tuberculosis of Lungs.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Electrocution.
1	2	-	17	-	1	26	12	7	30	3	8	-	-	2	-
1	-	-	12	-	-	8	3	1	12	-	1	-	-	3	-
1	-	2	17	-	1	8	19	6	27	1	10	-	1	-	-
-	-	-	4	-	-	10	12	2	10	-	2	-	-	-	-
-	-	1	-	-	-	6	6	-	12	-	-	-	-	-	-
-	7	10	63	-	12	37	31	12	81	5	31	-	-	9	-
-	-	-	-	-	-	-	4	-	1	-	3	-	-	-	-
-	-	-	4	-	-	10	4	3	8	-	4	-	-	3	-
-	1	-	1	-	-	3	5	1	4	-	1	-	-	1	-
-	-	1	1	-	-	1	1	-	1	-	3	-	-	-	-
-	-	-	1	-	-	6	6	-	3	-	1	-	-	-	-
-	-	-	1	-	-	2	2	-	3	-	-	-	-	-	-
1	6	2	18	-	2	28	58	12	54	3	36	-	-	3	-
-	-	-	-	-	1	-	6	1	-	-	1	-	-	1	-
-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-
-	-	-	-	-	-	4	12	-	-	-	3	-	-	-	-
-	-	1	-	-	-	1	12	2	1	-	-	-	-	-	-
-	-	-	2	-	-	1	12	1	5	-	2	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	2	-	-	2	3	-	3	-	2	-	-	-	-
-	-	-	1	-	-	1	-	-	-	-	1	-	-	-	-
1	1	-	1	-	-	3	-	1	2	-	-	-	-	-	-
-	-	-	-	-	-	1	8	3	11	1	6	-	-	1	-
-	-	-	1	-	-	1	1	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	1	-	4	-	-	4	7	1	14	2	6	-	-	-	-
-	-	-	-	-	-	1	2	1	1	-	1	-	-	-	-
-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
-	-	1	-	-	-	-	-	-	1	-	3	-	-	-	-
-	-	-	5	-	-	6	9	1	8	-	3	-	-	-	-
-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	1	1	10	-	1	-	2	-	-	-	-
-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-
-	1	-	1	-	-	1	1	-	-	-	3	-	-	-	-
-	-	-	1	-	-	1	1	1	2	-	1	-	-	1	-
-	-	-	1	-	-	-	1	-	2	-	2	-	-	-	-
21	45	15	317	-	12	266	132	53	407	19	152	1	1	34	-
-	3	1	-	-	-	5	2	-	6	-	1	-	-	1	-
-	-	-	-	-	-	-	2	-	2	-	1	-	-	-	-
-	-	-	-	-	-	-	1	-	5	-	2	-	-	-	-
3	5	3	51	-	2	34	12	16	57	1	11	-	-	1	-
-	-	-	-	-	-	-	1	1	1	-	-	-	-	2	-
-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
6	8	2	141	-	4	86	22	9	110	6	32	-	-	10	-
-	-	-	-	-	-	5	2	1	-	-	-	-	-	-	-
-	3	-	9	-	-	11	5	-	7	-	2	-	-	-	-
-	-	-	3	-	-	-	-	2	6	-	4	-	-	2	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	3	14	-	-	4	3	2	13	1	7	-	-	1	-
-	-	-	1	-	-	3	1	1	-	-	2	-	-	-	-
-	-	-	-	-	-	-	1	-	2	-	2	-	-	-	-
9	20	5	58	-	4	93	48	16	142	11	59	1	-	12	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
3	2	1	10	-	1	5	7	3	11	-	10	-	1	2	-
-	3	-	19	-	1	14	19	2	36	-	15	-	-	-	-
-	1	-	10	-	-	1	2	-	6	-	3	-	-	1	-

TABLE XI. — Continued.

COUNTIES, CITIES AND TOWNS.	Popu- lation in 1905.	Variola.	Measles.	Scarlatina.	Diphtheria.	Diphtherie Croup.	Cerebro-spinal Meningitis.	Whooping- cough.	Typhoid Fever.
Hampshire,	62,227	-	4	4	9	2	5	4	2
Amherst,	5,313	-	1	-	-	-	-	-	1
Belchertown,	2,088	-	-	-	2	-	-	-	-
Chesterfield,	563	-	-	-	-	-	-	-	-
Cummington,	740	-	-	-	-	-	-	-	-
Easthampton,	6,808	-	1	1	3	1	1	1	-
Enfield,	973	-	-	-	-	-	-	-	-
Goshen,	277	-	-	-	-	-	-	-	-
Granby,	747	-	-	-	-	-	-	-	-
Greenwich,	475	-	-	-	-	-	-	-	-
Hadley,	1,895	-	-	1	-	-	-	-	-
Hatfield,	1,779	-	-	-	-	-	-	-	-
Huntington,	1,451	-	-	-	1	-	-	-	-
Middlefield,	399	-	-	-	-	-	-	-	-
Northampton,	19,957	-	-	-	2	1	3	1	-
Pelham,	460	-	-	-	-	-	-	-	-
Plainfield,	382	-	-	-	-	-	1	-	-
Prescott,	322	-	-	-	-	-	-	-	-
South Hadley,	5,054	-	1	-	-	-	-	-	1
Southampton,	927	-	-	-	-	-	-	-	-
Ware,	8,594	-	1	-	-	-	-	1	-
Westhampton,	466	-	-	-	-	-	-	1	-
Williamsburg,	1,943	-	-	2	1	-	-	-	-
Worthington,	614	-	-	-	-	-	-	-	-
Middlesex,	608,499	-	27	56	123	19	20	43	63
Acton,	2,089	-	-	-	-	-	-	-	-
Arlington,	9,668	-	-	-	1	-	-	1	2
Ashby,	865	-	-	-	-	-	-	-	-
Ashland,	1,597	-	-	-	-	-	-	-	1
Ayer,	2,386	-	-	-	2	-	-	-	-
Bedford,	1,208	-	-	-	-	-	-	-	-
Belmont,	4,360	-	-	-	-	1	-	-	-
Billerica,	2,843	-	-	-	-	-	-	-	-
Boxborough,	324	-	-	-	-	-	-	-	-
Burlington,	588	-	-	-	-	-	-	-	-
Cambridge,	97,434	-	2	7	16	2	3	8	8
Carlisle,	523	-	-	-	-	-	-	-	-
Chelmsford,	4,254	-	1	-	-	1	-	2	-
Concord,	5,421	-	-	-	-	-	-	-	-
Dracut,	3,537	-	-	-	-	-	-	-	-
Dunstable,	412	-	-	-	-	-	-	-	-
Everett,	29,111	-	1	5	6	1	1	3	-
Frammingham,	11,548	-	5	1	2	-	1	1	3
Groton,	2,253	-	-	-	-	-	-	-	-
Holliston,	2,663	-	-	-	-	-	-	-	-
Hopkinton,	2,585	-	-	-	-	-	-	-	-
Hudson,	6,217	-	-	-	-	-	-	1	-
Lexington,	4,530	-	-	-	-	-	-	-	-
Lincoln,	1,122	-	-	-	-	-	-	-	-
Littleton,	1,219	-	-	-	-	-	-	-	-
Lowell,	94,889	-	4	9	26	11	5	9	11
Malden,	38,037	-	-	5	7	1	-	2	8
Marlborough,	14,073	-	-	-	8	2	1	1	3
Maynard,	5,811	-	-	-	-	-	-	1	-
Medford,	19,686	-	-	2	3	-	1	-	1
Melrose,	14,295	-	1	1	-	-	-	-	3
Natick,	9,609	-	1	1	-	-	-	-	1
Newton,	36,827	-	3	3	7	-	3	-	3
North Reading,	903	-	-	4	-	-	-	-	-
Pepperell,	3,268	-	-	-	-	-	-	-	-
Reading,	5,682	-	1	1	1	-	-	-	1
Sherborn,	1,379	-	-	-	-	-	-	-	-
Shirley,	1,692	-	-	-	-	-	-	2	-
Somerville,	69,272	-	4	9	29	-	4	3	8
Stoneham,	6,332	-	-	-	-	-	-	1	-
Stow,	1,027	-	-	-	-	-	-	-	-
Sudbury,	1,159	-	-	-	-	-	-	-	-
Tewksbury,	4,415	-	-	-	2	-	-	-	-

Deaths in Each City and Town from Special Causes.

Erysipelas.	Childbirth.	Dysentery.	Diarrhea and Enteritis.	Cholera Nostras.	Alcoholism.	Tuberculosis of Lungs.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Electrocution.
6	10	5	52	-	2	64	68	18	75	2	27	-	-	9	-
1	-	-	-	-	-	4	3	-	4	-	2	-	-	-	-
-	1	-	1	-	-	2	1	1	3	-	1	-	-	-	-
-	-	-	-	-	-	-	2	1	3	-	-	-	-	-	-
-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-
-	-	-	12	-	-	5	8	5	9	-	4	-	-	1	-
-	-	-	1	-	-	1	1	2	1	-	1	-	-	2	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	2	-	-	-	-	3	2	1	1	-	1	-	-	-	-
-	1	-	3	-	-	2	3	-	3	-	-	-	-	1	-
-	-	-	2	-	-	2	-	1	-	-	2	-	-	-	-
2	2	1	9	-	-	21	37	4	24	2	13	-	-	5	-
-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	1	1	1	-	-	5	2	-	4	-	-	-	-	-	-
-	1	1	-	-	-	4	1	-	3	-	1	-	-	-	-
2	1	1	20	-	-	10	5	3	12	-	1	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	3	-	-	3	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-
27	64	33	536	-	17	1,067	647	239	1,045	43	341	12	-	77	-
-	1	-	-	-	-	1	5	-	1	-	5	-	-	1	-
1	1	-	4	-	-	12	8	8	10	-	2	-	-	1	-
-	-	-	1	-	-	-	1	-	1	-	1	-	-	-	-
-	-	-	-	-	-	-	-	1	5	1	3	-	-	1	-
-	-	-	-	-	-	4	2	-	6	-	2	-	-	1	-
-	-	-	1	-	-	3	3	-	4	-	1	-	-	1	-
-	1	-	1	-	-	6	6	1	13	-	3	-	-	2	-
-	-	-	-	-	-	1	4	1	2	-	-	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	1	-	2	-	1	-	-	-	-
8	7	1	81	-	1	283	87	42	179	4	54	6	-	9	-
-	-	-	-	-	-	1	-	-	3	-	1	-	-	-	-
-	-	-	3	-	-	5	4	1	3	-	4	-	-	2	-
1	-	-	1	-	1	6	2	2	5	1	1	-	-	2	-
-	-	2	5	-	-	6	1	3	8	-	4	-	-	-	-
-	-	-	-	-	-	1	2	-	1	-	-	-	-	-	-
1	3	-	11	-	-	35	37	4	41	-	17	-	-	4	-
-	7	-	6	-	-	14	16	1	28	2	9	-	-	1	-
-	-	-	-	-	-	-	-	1	2	1	1	-	-	-	-
-	-	-	3	-	-	1	6	2	3	-	-	-	-	-	-
-	-	-	1	-	-	-	3	1	3	1	3	-	-	-	-
-	-	1	4	-	-	6	1	2	2	-	-	-	-	-	-
1	-	-	2	-	-	5	2	-	5	-	3	-	-	3	-
-	-	-	-	-	-	1	2	-	2	-	-	-	-	-	-
-	-	1	-	-	-	1	2	-	3	-	3	-	-	-	-
4	16	13	191	-	3	126	99	85	187	8	69	2	-	19	-
2	3	1	27	-	1	41	35	3	70	4	19	-	-	2	-
-	-	-	15	-	-	8	20	9	25	2	6	-	-	1	-
-	2	4	16	-	-	8	4	3	14	-	1	-	-	1	-
-	1	1	6	-	-	22	26	6	25	-	7	-	-	3	-
2	-	1	3	-	-	15	15	7	15	5	7	-	-	2	-
-	1	1	6	-	-	12	18	4	14	1	7	-	-	1	-
2	2	-	14	-	-	26	27	8	55	2	14	1	-	-	-
-	-	-	-	-	1	10	1	-	-	-	-	-	-	-	-
-	1	-	-	-	1	3	3	-	8	1	1	-	-	1	-
-	-	-	1	-	-	5	8	2	7	-	4	-	-	1	-
-	-	-	-	-	-	-	2	-	4	-	-	-	-	-	-
-	-	-	3	-	-	-	2	-	1	-	1	-	-	-	-
1	10	3	51	-	1	75	70	23	105	6	32	-	-	6	-
-	1	-	-	-	-	8	11	2	2	1	-	-	-	2	-
-	-	-	-	-	-	2	2	1	-	-	-	-	-	-	-
-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-
-	-	-	-	-	-	1	3	-	1	-	1	-	-	1	-

TABLE XI. — Continued.

COUNTIES, CITIES AND TOWNS.	Popu- lation in 1905.	Varola.	Measles.	Scarlatina.	Diphtheria.	Diphtheric Group.	Cerebro-spinal Meningitis.	Whooping- cough.	Typhoid Fever.
Middlesex — Con.									
State Hospital,	-	-	-	-	-	-	-	3	-
Townsend,	1,772	-	-	-	2	-	-	-	-
Tyngsborough,	768	-	-	-	1	-	-	-	-
Wakefield,	10,268	-	-	1	-	-	-	2	1
Waltham ,	26,282	-	3	7	5	-	-	1	6
Watertown,	11,258	-	1	-	-	-	1	1	-
Wayland,	2,220	-	-	-	-	-	-	-	-
Westford,	2,413	-	-	-	1	-	-	1	-
Weston,	2,091	-	-	-	-	-	-	-	-
Wilmington,	1,670	-	-	-	1	-	-	-	-
Winchester,	8,242	-	-	-	-	-	-	-	-
Woburn ,	14,402	-	-	-	3	-	-	-	3
Nantucket ,	2,930	-	-	1	-	-	-	-	-
Norfolk ,	167,537	-	5	7	20	1	4	12	16
Avon,	1,901	-	-	-	-	1	-	1	1
Bellingham,	1,686	-	-	-	-	-	-	-	-
Braintree,	6,879	-	2	-	-	-	-	-	1
Brookline,	23,436	-	-	1	2	-	-	-	3
Canton,	4,702	-	1	-	-	-	-	-	-
Cohasset,	2,727	-	-	-	-	-	-	-	1
Dedham,	7,774	-	-	-	1	-	-	-	-
Dover,	636	-	-	-	-	-	-	-	-
Foxborough,	3,364	-	-	-	-	-	1	2	-
Franklin,	5,244	-	-	2	1	-	-	-	-
Holbrook,	2,509	-	1	1	-	-	-	1	-
Hyde Park,	14,510	-	-	-	1	-	2	1	1
Medfield,	3,314	-	-	-	-	-	-	1	-
Medway,	2,650	-	-	-	-	-	-	-	-
Millis,	1,252	-	-	-	-	-	-	-	-
Milton,	7,054	-	-	1	1	-	-	-	-
Needham,	4,284	-	-	-	1	-	-	-	-
Norfolk,	1,089	-	-	-	-	-	-	-	1
Norwood,	6,731	-	-	-	3	-	-	-	2
Plainville,	1,300	-	-	-	-	-	-	-	-
Quincy ,	28,076	-	-	-	2	-	1	1	3
Randolph,	4,034	-	-	-	-	-	-	-	-
Sharon,	2,085	-	-	-	-	-	-	-	-
Stoughton,	5,959	-	-	-	-	-	-	-	1
Walpole,	4,003	-	-	-	2	-	-	-	1
Wellesley,	6,189	-	-	1	-	-	-	-	-
Westwood,	1,136	-	-	-	1	-	-	-	-
Weymouth,	11,585	-	1	1	4	-	-	5	1
Wrentham,	1,428	-	-	-	1	-	-	-	-
Plymouth ,	127,932	-	9	7	14	3	4	10	14
Abington,	5,081	-	-	-	-	-	2	-	-
Bridgewater,	6,754	-	-	-	1	-	-	1	-
Brockton ,	47,794	-	7	6	3	1	-	3	5
Carver,	1,410	-	-	-	-	-	-	-	1
Duxbury,	2,028	-	-	-	-	-	-	-	-
East Bridgewater,	3,169	-	-	-	2	-	-	-	-
Halifax,	494	-	-	-	-	-	-	-	-
Hanover,	2,176	-	-	-	-	-	-	-	-
Hanson,	1,490	-	-	-	-	-	-	-	-
Hingham,	4,819	-	-	-	-	-	-	1	-
Hull,	2,060	-	-	-	-	-	-	-	-
Kingston,	2,205	-	-	-	2	-	-	-	-
Lakeville,	912	-	-	-	-	-	-	-	-
Marion,	1,029	-	-	-	-	-	-	-	-
Marshfield,	1,763	-	-	-	-	-	-	1	-
Mattapoisett,	1,180	-	-	-	-	-	-	-	-
Middleborough,	6,888	-	-	-	2	-	-	1	1
Norwell,	1,534	-	-	-	-	-	-	-	1
Penbrooke,	1,261	-	-	-	-	-	-	-	-
Plymouth,	11,119	-	-	1	2	1	1	-	1
Plympton,	514	-	-	-	-	-	-	-	-
Rochester,	1,181	-	-	-	-	-	-	-	-
Rockland,	6,287	-	-	-	-	-	-	-	3
Scituate,	2,597	-	-	-	-	1	-	2	1

Deaths in Each City and Town from Special Causes.

Erysipelas.	Childbirth.	Dysentery.	Diarrhea and Enteritis.	Cholera Nostras.	Alcoholism.	Tuberculosis of Lungs.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Electrocution.
1	1	-	43	-	5	220	21	-	47	-	2	-	-	-	-
-	-	-	-	-	-	2	4	2	1	-	1	-	-	2	-
-	-	-	-	-	-	2	-	-	1	-	2	-	-	1	-
1	1	1	11	-	1	29	26	3	58	1	23	1	-	2	-
1	-	-	5	-	-	9	12	3	29	-	4	-	-	3	-
-	2	-	1	-	-	2	2	1	1	-	1	-	-	-	-
-	-	-	2	-	-	3	4	1	2	1	4	-	-	-	-
-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-
-	-	-	1	-	-	1	-	-	2	-	2	-	-	-	-
1	2	3	3	-	1	4	8	1	7	-	3	1	-	-	-
-	-	-	8	-	1	26	18	1	23	1	9	-	-	-	-
-	1	-	1	-	-	6	3	1	3	1	4	-	-	1	-
5	11	5	89	-	4	172	167	45	196	8	100	3	2	13	-
-	-	-	-	-	-	3	1	1	2	-	-	-	-	-	-
-	-	1	1	-	-	8	12	1	3	-	-	-	-	-	-
-	1	-	6	-	-	12	23	7	29	2	5	1	-	3	-
-	-	-	3	-	-	6	3	-	7	-	4	-	-	3	-
-	-	-	1	-	-	6	4	1	7	-	1	-	-	-	-
-	-	2	4	-	-	5	9	4	5	-	11	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	2	-	2	3	7	2	7	-	2	-	-	-	-
-	-	-	3	-	-	4	9	2	5	-	2	-	-	1	-
-	-	-	3	-	-	1	5	-	6	-	2	-	-	-	-
-	-	-	16	-	-	11	9	1	15	3	10	-	-	1	-
-	1	-	1	-	-	12	11	2	3	-	2	-	-	-	-
-	2	-	3	-	-	4	5	-	3	-	-	-	-	-	-
-	-	-	1	-	-	6	-	1	1	-	1	-	-	-	-
-	-	-	2	-	-	10	1	4	4	-	1	-	-	-	-
1	1	-	2	-	-	4	2	1	5	1	2	-	-	-	-
-	-	-	-	-	-	1	1	1	-	-	2	1	-	-	-
-	1	-	-	-	-	7	3	2	13	-	3	1	-	1	-
-	-	-	-	-	-	3	-	-	3	-	-	-	-	-	-
2	4	-	19	-	-	42	19	1	31	2	30	-	2	2	-
-	-	-	4	-	-	4	2	2	5	-	2	-	-	-	-
-	-	-	1	-	-	7	1	3	1	-	5	-	-	-	-
-	1	-	3	-	1	5	7	4	5	-	2	-	-	-	-
1	-	-	3	-	-	4	4	-	5	-	1	-	-	1	-
1	-	-	2	-	-	2	3	3	5	-	1	-	-	1	-
-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
-	-	-	1	-	1	11	9	5	17	-	8	-	-	-	-
-	-	-	-	-	-	-	7	2	2	-	1	-	-	-	-
8	26	20	82	-	9	164	140	47	188	7	50	4	-	22	-
-	1	-	2	-	1	6	5	3	8	-	2	1	-	-	-
1	4	-	11	-	2	35	16	4	33	-	3	-	-	2	-
4	12	11	22	-	4	45	33	9	60	4	15	2	-	9	-
-	-	-	5	-	-	2	2	1	-	-	1	-	-	-	-
1	-	-	-	-	-	3	3	1	2	-	-	-	-	1	-
1	1	-	-	-	-	16	2	2	3	-	1	-	-	-	-
-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-
-	-	-	1	-	-	3	3	-	2	-	3	-	-	-	-
-	-	-	1	-	1	2	4	-	5	-	1	-	-	1	-
-	-	-	1	-	-	3	9	2	2	-	1	-	-	-	-
-	-	-	2	-	-	1	1	-	5	1	6	-	-	-	-
-	-	-	-	-	-	2	1	-	3	-	3	-	-	-	-
-	-	2	-	-	-	1	2	-	2	-	1	-	-	-	-
-	1	1	-	-	-	1	3	1	2	-	-	-	-	2	-
-	-	-	1	-	-	1	3	-	1	-	-	-	-	-	-
-	-	-	10	-	-	4	5	3	7	1	3	-	-	1	-
-	-	-	1	-	-	-	3	3	1	-	-	-	-	-	-
-	-	-	-	-	-	1	3	2	2	-	-	-	-	1	-
-	3	1	10	-	-	11	10	7	17	1	2	-	-	2	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	3	-	-	2	-	2	-	-	-	-
-	-	1	4	-	-	9	6	2	1	-	1	-	-	-	-
-	-	-	3	-	-	3	5	-	6	-	1	1	-	-	-

TABLE XI. — Concluded.

COUNTIES, CITIES AND TOWNS.	Popu- lation in 1905.	Varicella.	Measles.	Scarlatina.	Diphtheria.	Diphtheritic Croup.	Cerebro-spinal Meningitis.	Whooping- cough.	Typhoid Fever.
Plymouth — Con.									
Wareham,	3,660	-	2	-	1	-	-	-	1
West Bridgewater,	2,006	-	-	-	-	-	-	-	-
Whitman,	6,521	-	-	-	1	-	1	1	-
Suffolk,	652,362	1	39	83	192	9	38	38	99
Boston,	595,380	1	39	80	185	4	35	33	90
Chelsea,	37,289	-	-	3	5	4	2	3	6
Revere,	12,659	-	-	-	2	-	1	2	2
Winthrop,	7,034	-	-	-	-	1	-	-	1
Worcester,	362,668	-	21	27	59	10	17	50	36
Ashburnham,	1,851	-	-	1	-	1	1	-	-
Athol,	7,197	-	-	-	3	-	-	-	1
Auburn,	2,006	-	-	1	-	-	-	-	-
Barre,	2,558	-	-	-	1	-	-	-	-
Berlin,	906	-	-	-	-	-	-	-	-
Blackstone,	5,786	-	-	-	3	-	-	-	-
Bolton,	762	-	-	-	-	-	-	-	-
Boylston,	649	-	-	-	-	-	-	-	-
Brookfield,	2,388	-	-	-	-	-	-	-	-
Charlton,	2,089	-	-	-	-	-	-	-	-
Clinton,	13,105	-	-	-	2	-	-	5	2
Dana,	763	-	-	-	-	-	-	-	-
Douglas,	2,120	-	-	-	-	-	-	-	-
Dudley,	3,818	-	-	-	-	-	-	1	-
Fitchburg,	33,021	-	5	4	10	1	1	2	3
Gardner,	12,012	-	1	1	-	2	-	-	3
Grafton,	5,052	-	-	-	2	-	-	3	1
Hardwick,	3,261	-	-	5	-	-	-	1	1
Harvard,	1,077	-	-	-	-	-	-	-	-
Holden,	2,640	-	-	-	-	-	-	1	1
Hopedale,	2,048	-	-	-	-	-	-	-	-
Hubbardston,	1,205	-	-	-	-	-	-	-	-
Lancaster,	2,406	-	-	-	-	-	-	-	-
Leicester,	3,414	-	-	-	-	-	-	-	-
Leominster,	14,297	-	1	1	2	1	1	1	1
Lunenburg,	1,293	-	-	-	-	-	-	-	-
Mendon,	922	-	-	-	-	-	-	-	-
Milford,	12,105	-	-	3	-	2	2	1	1
Millbury,	4,631	-	-	-	1	-	-	-	1
New Braintree,	477	-	-	-	-	-	-	-	-
North Brookfield,	2,617	-	-	-	-	-	-	-	-
Northborough,	1,947	-	-	-	1	-	-	-	-
Northbridge,	7,400	-	-	-	2	-	-	1	1
Oakham,	519	-	-	-	-	-	-	-	-
Oxford,	2,927	-	-	-	1	1	-	-	-
Paxton,	444	-	-	-	-	-	-	-	-
Petersham,	855	-	-	-	-	-	-	-	-
Phillipston,	442	-	-	-	-	-	-	-	-
Princeton,	907	-	-	-	-	-	-	-	-
Royalston,	903	-	-	-	-	-	-	-	-
Rutland,	1,713	-	-	-	-	-	-	-	-
Shrewsbury,	1,866	-	-	-	-	-	-	-	-
Southborough,	1,931	-	-	-	1	-	-	-	-
Southbridge,	11,000	-	1	-	5	-	-	2	5
Spencer,	7,121	-	-	-	-	-	-	-	1
Sterling,	1,315	-	1	-	1	-	-	-	-
Sturbridge,	1,974	-	-	-	-	-	-	-	-
Sutton,	3,173	-	-	-	1	-	2	3	-
Templeton,	3,783	-	-	-	-	1	-	-	1
Upton,	2,024	-	-	-	-	-	-	-	-
Uxbridge,	3,881	-	-	-	-	-	-	-	-
Warren,	4,300	-	3	-	-	1	-	6	-
Webster,	10,018	-	2	1	-	-	1	2	1
West Boylston,	1,571	-	-	-	-	-	-	-	-
West Brookfield,	1,381	-	-	-	-	-	-	-	-
Westborough,	5,378	-	3	1	-	-	-	-	-
Westminster,	1,348	-	-	-	-	-	-	-	-
Winchendon,	5,933	-	-	-	-	-	-	-	-
Worcester,	128,135	-	4	9	23	-	9	21	12

Deaths in Each City and Town from Special Causes.

Erysipelas.	Childbirth.	Dysentery.	Diarrhea and Enteritis.	Cholera Nostras.	Alcoholism.	Tuberculosis of Lungs.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Electrocution.
-	3	-	4	-	-	5	11	5	10	-	3	-	-	1	-
1	-	2	4	-	-	3	-	1	6	-	-	-	-	1	-
58	130	15	537	-	58	1,089	726	211	1,486	88	499	24	-	122	3
55	123	14	498	-	57	1,039	661	191	1,402	84	471	24	-	114	3
2	1	-	20	-	1	37	37	12	49	4	17	-	-	3	-
1	3	-	14	-	-	9	16	5	24	-	7	-	-	2	-
1	3	1	5	-	-	4	12	3	11	-	4	-	-	3	-
21	47	34	349	-	15	478	382	118	626	31	229	8	1	35	-
-	-	-	2	-	-	-	1	2	7	-	3	-	-	-	-
-	1	1	5	-	1	3	12	1	21	-	6	-	-	-	-
-	-	-	4	-	-	2	3	2	8	-	-	-	-	-	-
-	1	2	4	-	-	3	5	-	2	-	2	-	-	-	-
-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-
-	-	-	2	-	-	10	1	1	7	-	1	-	-	1	-
-	-	-	1	-	-	1	-	-	1	-	1	-	-	-	-
-	-	-	1	-	-	2	-	-	-	-	-	-	-	2	-
-	-	-	4	-	1	2	3	-	1	-	2	-	-	-	-
1	-	-	1	-	-	1	4	2	4	-	2	-	-	-	-
-	4	-	9	-	-	13	10	4	20	2	8	1	-	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	2	-	-	3	3	1	5	1	3	-	-	-	-
-	-	-	9	-	-	4	2	2	3	-	2	-	-	-	-
1	7	2	31	-	-	25	25	17	46	2	16	1	-	5	-
1	2	-	11	-	-	17	12	2	20	3	11	-	-	1	-
-	-	-	12	-	1	7	5	3	13	-	2	-	-	-	-
-	1	-	5	-	-	3	3	2	4	-	1	1	-	1	-
-	-	1	-	-	-	2	4	1	3	-	2	1	-	-	-
-	-	-	1	-	-	2	2	-	4	-	-	-	-	-	-
-	-	-	-	-	-	1	1	-	2	-	-	-	-	-	-
-	-	-	-	-	-	2	3	-	2	-	-	-	-	-	-
1	-	-	1	-	-	3	4	1	5	-	4	-	-	-	-
-	1	-	3	-	-	6	6	2	5	1	2	-	-	-	-
-	4	-	16	-	-	11	22	3	25	1	7	1	-	3	-
-	1	-	-	-	-	1	1	-	2	-	3	-	-	-	-
-	-	-	1	-	-	1	2	-	1	-	1	-	-	1	-
-	4	-	5	-	-	20	16	2	21	-	9	-	-	-	-
-	-	-	1	-	-	2	7	3	7	-	1	-	1	1	-
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
-	-	-	3	-	-	6	3	-	2	-	3	-	-	-	-
-	-	-	1	-	1	4	1	-	2	-	-	-	-	1	-
-	-	-	14	-	-	8	5	-	18	-	5	-	-	-	-
-	-	-	2	-	1	1	2	1	4	-	-	-	-	-	-
-	-	-	9	-	1	-	4	-	8	-	1	2	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	2	-	-	1	1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	1	1	1	3	-	-	-	-	1	-
-	1	-	1	-	-	-	-	-	1	-	2	-	-	-	-
-	-	-	1	-	1	50	-	1	1	-	-	-	-	-	-
-	-	-	1	-	-	3	1	-	6	-	3	-	-	-	-
-	-	1	2	-	-	1	1	-	4	-	1	-	-	-	-
-	1	1	15	-	1	12	5	1	24	-	5	-	-	-	-
-	-	1	5	-	-	5	5	3	2	-	5	-	-	-	-
-	-	-	-	-	-	2	-	1	1	-	-	-	-	1	-
1	1	1	3	-	-	3	3	1	4	-	3	-	-	1	-
-	-	-	1	-	1	2	3	3	3	-	3	-	-	-	-
-	-	-	-	-	-	4	5	1	3	-	-	-	-	1	-
1	1	1	6	-	-	3	1	3	6	-	2	-	-	-	-
1	1	-	5	-	-	5	5	2	12	-	8	-	-	-	-
2	-	1	20	-	1	14	9	-	9	-	5	-	-	-	-
-	-	-	-	-	-	1	2	1	-	-	-	-	-	-	-
-	-	1	-	-	-	3	4	-	1	-	2	-	-	-	-
-	1	2	3	-	1	12	9	1	33	-	6	-	-	-	-
-	-	1	1	-	-	2	2	1	3	-	2	-	-	-	-
1	1	2	3	-	-	11	9	1	6	-	7	-	-	3	-
12	16	7	118	-	4	169	141	45	222	21	77	1	-	10	-

TABLE XII.—AGED ONE HUNDRED YEARS OR MORE.—DIED IN 1909.

Date.	NAME.	Age.	Place of Birth.	Place of Death.	Whether Married.
Jan. 30,	Tishel Berger,	108	Russia,	Boston,	Married.
Feb. 25,	Ann E. Coggeshall (m. n. Cook),	101	Newport, R. I.,	New Bedford,	Widow.
Mar. 13,	Mary J. Fisher (m. n. Johnson),	100	Easton,	Mansfield,	Widow.
May 22,	Elmire Deslauriers (m. n. Forget),	104	Canada,	Lowell,	Widow.
Aug. 1,	Christiana Bridgett (m. n. Taylor),	102	Grand River, P. E. I.,	Boston,	Widow.
Aug. 24,	Mary Hannigan (m. n. Cady),	105	Ireland,	Boston,	Widow.
Aug. 26,	Sibyl Lane (m. n. Smith),	101	Rehoboth,	Rehoboth,	Widow.
Sept. 15,	Lona Huse (m. n. Gardner),	101	Unknown,	Amherst,	Widow.
Sept. 17,	Maria Marsh (m. n. Stevenson),	100	Nova Scotia,	Cambridge,	Widow.
Sept. 24,	Felis Lopez (m. n. unknown),	101	Cape De Verde Isl.,	Rochester,	Widow.
Oct. 15,	Selenda A. Henshaw (m. n. Adams),	100	Brookfield,	Brookfield,	Widow.
Nov. 10,	Phoebe Ann Wade,	102	Nova Scotia,	Lynn,	Single.
Dec. 16,	Susan Everett (m. n. Beaman),	101	Princeton,	Leominster,	Widow.

DIVORCES, 1909.

DIVORCES, 1909 — Continued.

{ Number of libels pending Jan. 1, 1909 (including all cases, whether decrees *nisi* had been entered or not), . . . 25
 " " pending Jan. 1, 1909, in which decrees *nisi* had been entered at that date, . . . 4
 " " filed during the year 1909, . . . 17
 " " in which decrees *nisi* were entered during the year 1909, . . . 4
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were
 finally disposed of during the year 1909, . . . 18
 Number of cases finally determined in 1909, . . . 20

BARNSTABLE CO.,

CAUSES.	LIBELLANTS.		DIVORCE.			NUMBER OF YEARS MARRIED.								Average.			
	Number.	SEX.	Not contested.	Contested.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.		Over 30.	Unknown.	Aggregate.
Adultery,	5	{ Males, Fem.,	4	3	3	—	1	—	—	—	—	3	1	—	{	99	19.80
			1	1	1	—	—	—	—	—	—	—	—	1	—		
Cruel and abusive treatment,	5	{ Males, Fem.,	1	1	1	—	—	—	—	—	1	—	—	—	{	70	14.00
			4	2	4	—	—	—	—	—	1	1	1	—	1		
Desertion,	8	{ Males, Fem.,	4	3	3	—	1	—	—	—	—	2	2	—	{	111	13.87
			4	3	4	—	—	—	—	—	—	—	2	2	—		
Intoxication,	1	{ Males, Fem.,	—	—	—	—	—	—	—	—	—	—	—	—	{	21	21.00
			1	1	1	—	—	—	—	—	—	—	—	1	—		
Non-support,	1	{ Males, Fem.,	—	—	—	—	—	—	—	—	—	—	—	—	{	22	22.00
			1	1	1	—	—	—	—	—	—	—	—	1	—		
Totals,	20	{ Males, Fem.,	9	4	7	—	2	—	—	—	3	5	1	—	{	323	16.15
		11	7	4	11	—	—	—	—	1	1	3	5	1	—		

{ Number of libels pending Jan. 1, 1909 (including all cases, whether decrees nisi had been entered or not), . . . 111
 " " pending Jan. 1, 1909, in which decrees nisi had been entered at that date, . . . 24
 " " filed during the year 1909, . . . 83
 " " in which decrees nisi were entered during the year 1909, . . . 57
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were
 finally disposed of during the year 1909, . . . 54
 Number of cases finally determined in 1909, . . . 65

BERKSHIRE CO.,

CAUSES.	LIBELLANTS.		DIVORCE.		NUMBER OF YEARS MARRIED.								Aggregate.	Average.			
	Number.	Sex.	Not contested.	Contested.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.			20 to 30.	Over 30.	Unknown.
Adultery,	8	{ Males, Fem.,	7 1	— —	5 1	— —	2 —	— —	— —	1 —	2 —	4 1	— —	— —	{ —	77 9.62	
Cruel and abusive treatment,	17	{ Males, Fem.,	— 17	— 16	— 15	— —	— 2	— —	— —	— 5	7 4	— 4	1 1	— —	{ —	139 8.18	
Desertion,	24	{ Males, Fem.,	11 13	— 13	9 11	— —	2 2	— —	— —	— 2	6 2	5 6	— 3	— —	{ —	290 12.08	
Extreme cruelty,	2	{ Males, Fem.,	— 2	— 2	— —	— —	— 2	— —	— —	— 1	— —	— 1	— —	— —	{ —	14 7.00	
Intoxication,	11	{ Males, Fem.,	1 10	1 10	1 10	— —	— —	— —	— —	1 1	— 5	— 2	1 1	— —	{ —	133 12.09	
Non-support,	1	{ Males, Fem.,	— 1	— 1	— 1	— —	— —	— —	— —	— —	— 1	— —	— —	— —	{ —	5 5.00	
Nullity of marriage, . .	2	{ Males, Fem.,	1 1	1 1	1 1	— —	— —	— —	— —	— —	— 1	— 1	— —	— —	{ —	11 5.50	
Totals,	65	{ Males, Fem.,	20 45	20 44	16 39	— —	4 6	— —	— —	2 9	8 16	10 14	— 5	— 1	{ —	669 10.29	

DIVORCES, 1909 — Continued.

{ Number of libels pending Jan. 1, 1909, (including all cases, whether decrees nisi had been entered or not), . . . 419
 " " pending Jan. 1, 1909, in which decrees nisi had been entered at that date, . . . 48
 " " filed during the year 1909, . . . 214
 " " in which decrees nisi were entered during the year 1909, . . . 126
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were
 finally disposed of during the year 1909, . . . 115
 Number of cases finally determined in 1909, . . . 379

BRISTOL CO.,

CAUSES.	LIBELLANTS.		Not contested.	Contested.	DIVORCED.			NUMBER OF YEARS MARRIED.								Aggregate.	Average.
	Number.	Sex.			Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	Over 30.	Unknown.		
Adultery,	78	{ Males, 51 Fem., 27 }	49	2	16	—	35	1	1	7	24	12	4	2	—	773	9.91
Cruel and abusive treatment,	120	{ Males, 21 Fem., 99 }	27	—	10	—	17	—	—	6	12	4	4	1	—	1,226	10.22
Desertion,	123	{ Males, 58 Fem., 65 }	95	4	28	—	71	—	—	24	22	38	11	—	—	1,513	12.30
Impotency,	2	{ Males, 1 Fem., 1 }	1	—	—	—	36	—	—	5	28	32	8	1	—	17	8.50
Intoxication,	36	{ Males, 13 Fem., 23 }	13	—	1	—	12	1	—	5	2	4	1	—	—	375	10.42
Non-support,	14	{ Males, — Fem., 14 }	—	—	9	—	14	1	—	2	4	15	1	—	—	106	7.57
Nullity of marriage,	6	{ Males, 2 Fem., 4 }	2	—	—	—	10	—	—	5	5	1	2	—	—	38	6.33
Totals,	379	{ Males, 146 Fem., 233 }	143	3	33	—	113	4	2	22	49	53	9	7	—	4,048	10.68
			228	5	81	—	152	1	5	43	73	83	26	2	—		

{ Number of libels pending Jan. 1, 1909 (including all cases, whether decrees *nisi* had been entered or not), . . . 9
 " " pending Jan. 1, 1909, in which decrees *nisi* had been entered at that date, . . . 2
 " " filed during the year 1909, . . . 1
 " " in which decrees *nisi* were entered during the year 1909, . . . 3
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were
 finally disposed of during the year 1909, . . . 3
 Number of cases finally determined in 1909, . . . 4

DUKES CO.,

CAUSES.	LIBELLANTS.		DIVORCE.			NUMBER OF YEARS MARRIED.								Aggregate.	Average.			
	Number.	SEX.	Not contested.	Contested.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.			Over 30.	Unknown.	
Adultery,	1	{ Males, Fem.,	1	—	1	—	—	—	—	—	—	1	—	—	—	{ — —	8	8.00
	1	{ Males, Fem.,	1	—	—	—	—	—	—	—	—	1	—	—	—	{ — —	7	7.00
Cruel and abusive treatment, Desertion,	2	{ Males, Fem.,	1	—	1	—	—	—	—	—	—	—	1	—	—	{ — —	23	11.50
	1	{ Males, Fem.,	1	—	—	—	—	—	—	—	—	—	—	—	—	{ — —	38	9.50
Totals,	4	{ Males, Fem.,	2	1	1	—	1	—	—	—	—	1	1	—	—	{ — —	38	9.50

DIVORCES, 1909 — Continued.

{ Number of libels pending Jan. 1, 1909 (including all cases, whether decrees *nisi* had been entered or not), . . . 571
 " " pending Jan. 1, 1909, in which decrees *nisi* had been entered at that date, . . . 118
 " " filed during the year 1909, . . . 349
 " " in which decrees *nisi* were entered during the year 1909, . . . 255
 { Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were
 finally disposed of during the year 1909, . . . 247
 { Number of cases finally determined in 1909, . . . 254

ESSEX CO.,

CAUSES.

CAUSES.	LIBELLANTS.		DIVORCE.			NUMBER OF YEARS MARRIED.								Average.				
	Number.	SEX.	Not contested.	Contested.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.		Over 30.	Unknown.	Aggregate.	
Adultery,	32	{ Males, 17 Fem., 15 }	14	3	16	—	1	—	—	—	3	8	5	—	1	—	312	9.75
Cruel and abusive treatment,	54	{ Males, 3 Fem., 51 }	11	4	15	—	1	—	—	—	2	8	3	2	—	—	521	9.65
Desertion,	129	{ Males, 48 Fem., 81 }	40	8	45	—	3	—	—	6	12	18	18	10	2	—	1,835	14.22
Imprisonment,	1	{ Males, — Fem., 1 }	—	—	—	—	2	—	—	—	—	—	—	—	—	—	6	6.00
Impotency,	1	{ Males, 1 Fem., 1 }	1	—	1	—	—	—	—	—	—	—	1	—	—	—	16	16.00
Intoxication,	34	{ Males, 5 Fem., 29 }	4	1	5	—	—	—	—	—	2	3	3	—	—	—	356	10.47
Non-support,	3	{ Males, — Fem., 3 }	—	—	—	—	—	—	—	—	3	13	10	3	—	—	39	13.00
Totals,	254	{ Males, 74 Fem., 180 }	61	13	69	—	5	—	—	10	22	27	11	4	—	—	3,085	12.15

DIVORCES, 1909 — Continued.

Number of libels pending Jan. 1, 1909 (including all cases, whether decrees *nisi* had been entered or not), . . . 143
 " " pending Jan. 1, 1909, in which decrees *nisi* had been entered at that date, . . . 48
 " " filed during the year 1909, . . . 180
 " " in which decrees *nisi* were entered during the year 1909, . . . 116
 Number of cases in which decrees *nisi* had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1909, . . . 113
 Number of cases finally determined in 1909, . . . 139

HAMPDEN CO.,

CAUSES.	LIBELLANTS.		DIVORCE.		Contested.	NUMBER OF YEARS MARRIED.							Aggregate.	Average.
	Number.	Sex.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	Over 30.	Unknown.	
Adultery,	23	{ Males, Fem.,	11 7	— —	3 2	— —	— —	5 1	3 4	3 3	2 1	1 —	— —	254 11.04
Cruel and abusive treatment,	37	{ Males, Fem.,	— 30	— —	1 6	— —	— —	— 11	— 7	1 14	— 4	— —	— —	367 9.92
Desertion,	51	{ Males, Fem.,	17 27	— —	6 1	— —	— —	2 2	9 11	7 9	2 6	3 —	— —	666 13.06
Intoxication,	21	{ Males, Fem.,	3 12	— —	1 5	— —	— —	1 4	2 4	1 3	— 5	— 1	— —	228 10.86
Non-support,	7	{ Males, Fem.,	— 5	— —	— 2	— —	— —	— 4	— 1	— 2	— —	— —	— —	45 6.43
Totals,	139	{ Males, Fem.,	31 81	— —	11 16	— —	— —	8 22	14 27	12 31	4 16	4 1	— —	1,560 11.22

{ Number of libels pending Jan. 1, 1909 (including all cases, whether decrees nisi had been entered or not), . . . 9
 " " pending Jan. 1, 1909, in which decrees nisi had been entered at that date, . . . 33
 " " filed during the year 1909, . . . 23
 " " in which decrees nisi were entered during the year 1909, . . . 14
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1909, . . . 20
 Number of cases finally determined in 1909, . . . 20

HAMPSHIRE CO.,

CAUSES.	LIBELLANTS.		DIVORCE.			NUMBER OF YEARS MARRIED.								Aggregate.	Average.		
	Number.	Sex.	Not contested.	Contested.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.			Over 30.	Unknown.
Adultery,	3	{ Males, Fem.,	2 1	- 1	2 -	- -	1 -	- -	- -	1 1	- -	1 -	1 -	- -	- -	37 12.33	
Cruel and abusive treatment,	4	{ Males, Fem.,	- 1	- 1	- 1	- -	- -	- -	- -	1 1	- -	- -	- -	- -	- -	2 2.00	
Desertion,	7	{ Males, Fem.,	1 6	- 6	1 5	- -	1 -	- -	- -	- -	- -	1 4	- -	2 -	- -	133 19.00	
Intoxication,	4	{ Males, Fem.,	- 4	- 4	- 4	- -	- -	- -	- -	2 2	1 1	- -	1 -	- -	- -	35 8.75	
Non-support,	4	{ Males, Fem.,	- 4	- 4	- 4	- -	- -	- -	- -	- -	3 3	- -	1 -	- -	- -	43 10.75	
Nullity of marriage,	1	{ Males, Fem.,	- 1	- 1	- -	- -	1 -	- -	- -	1 1	- -	- -	- -	- -	- -	4 4.00	
Totals,	20	{ Males, Fem.,	3 17	3 17	3 14	- -	- 3	- -	- -	- 5	- 4	2 4	1 2	- 2	- -	254 12.70	

DIVORCES, 1909 — Continued.

{ Number of libels pending Jan. 1, 1909 (including all cases, whether decrees nisi had been entered or not), . . . 842
 " " pending Jan. 1, 1909, in which decrees nisi had been entered at that date, . . . 127
 " " filed during the year 1909, . . . 449
 " " in which decrees nisi were entered during the year 1909, . . . 344
 { Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were
 finally disposed of during the year 1909, . . . 257
 Number of cases finally determined in 1909, . . . 325

MIDDLESEX CO.,

CAUSES.	LIBELLANTS.		DIVORCE.			NUMBER OF YEARS MARRIED.								Aggregate.	Average.		
	Number.	Sex.	Not contested.	Contested.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.			Over 30.	Unknown.
Adultery,	50	{ Males, Fem.,	23 27	14 19	9 8	8 21	5 4	1 —	1 —	7 5	10 11	3 8	1 1	— 2	{ — — }	455	9.10
Desertion,	136	{ Males, Fem.,	52 84	45 76	7 8	45 78	4 2	3 4	— —	7 6	16 20	19 45	9 8	1 5	{ — — }	1,603	11.79
Extreme cruelty,	93	{ Males, Fem.,	15 78	8 71	7 7	6 65	5 4	4 9	— 1	4 18	4 37	6 9	1 11	— 2	{ — — }	908	9.76
Impotency,	5	{ Males, Fem.,	3 2	1 2	2 —	1 2	1 —	1 —	— —	1 1	1 1	1 —	— —	— —	{ — — }	28	5.60
Intoxication,	36	{ Males, Fem.,	5 31	5 27	— 4	2 24	1 5	2 2	1 —	— 3	2 6	— 16	1 6	— —	{ — — }	461	12.80
Non-support,	5	{ Males, Fem.,	— 5	— 5	— —	— 4	— 1	— —	— —	— 1	— 1	— 2	— 1	— —	{ — — }	58	11.60
Totals,	325	{ Males, Fem.,	98 227	73 200	25 27	62 194	21 16	15 17	2 1	18 34	33 76	29 80	12 27	1 9	{ — — }	3,513	10.80

NANTUCKET CO.,	{					
	Number of libels pending Jan. 1, 1909 (including all cases, whether decrees <i>nisi</i> had been entered or not),	.	.	.	.	.
	" " pending Jan. 1, 1909, in which decrees <i>nisi</i> had been entered at that date,	.	.	.	.	.
	" " filed during the year 1909,	.	.	.	.	.
	" " in which decrees <i>nisi</i> were entered during the year 1909,	.	.	.	.	.
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1909,						.
Number of cases finally determined in 1909,						.

NOTE. — No cases entered during the year 1909.

DIVORCES, 1909 — Continued.

{ Number of libels pending Jan. 1, 1909 (including all cases, whether decrees nisi had been entered or not), 201
 " " pending Jan. 1, 1909, in which decrees nisi had been entered at that date, 47
 " " filed during the year 1909, 35
 " " in which decrees nisi were entered during the year 1909, 66
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1909, 74
 Number of cases finally determined in 1909, 163

NORFOLK CO.,

CAUSES.	LIBELLANTS.		DIVORCE.			NUMBER OF YEARS MARRIED.								Average.			
	Number.	Sex.	Not contested.	Contested.	Divorced.			Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.		Over 30.	Unknown.	Aggregate.
					Granted.	Refused.	Dismissed.										
Adultery,	32	{ Males, Fem.,	19 13	5 6	9 7	— —	10 6	1 —	— —	4 1	4 1	9 9	1 1	— 1	{ —	368	11.50
Cruel and abusive treatment,	51	{ Males, Fem.,	6 45	3 15	— 16	— —	6 29	— 2	— —	2 8	3 12	1 14	— 8	1 —	{ —	559	10.96
Desertion,	54	{ Males, Fem.,	21 33	8 6	8 23	— —	13 10	— —	— —	— 4	7 5	8 15	3 5	3 4	{ —	866	16.04
Extreme cruelty,	1	{ Males, Fem.,	— 1	— 1	— —	— —	— 1	— —	— —	— —	— 1	— —	— —	— —	{ —	7	7.00
Intoxication,	16	{ Males, Fem.,	2 14	1 1	1 8	— —	1 6	— —	1 1	— 1	1 5	— 5	— 2	— —	{ —	157	9.81
Non-support,	7	{ Males, Fem.,	— 7	— —	— 2	— —	— 5	— —	— —	— 3	— 1	— 3	— —	— —	{ —	56	8.00
Totals, ¹	161	{ Males, Fem.,	48 113	17 28	18 56	— —	30 57	1 2	1 1	6 17	15 25	18 46	4 16	3 6	{ —	2,013	12.50

¹ Two papers missing from files.

Number of libels pending Jan. 1, 1909 (including all cases, whether decrees nisi had been entered or not), . . . 131
 " " pending Jan. 1, 1909, in which decrees nisi had been entered at that date, . . . 44
 " " filed during the year 1909, . . . 145
 " " in which decrees nisi were entered during the year 1909, . . . 97
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1909, . . . 100
 Number of cases finally determined in 1909, . . . 117

PLYMOUTH CO.,

CAUSES.	LIBELLANTS.		DIVORCE.			NUMBER OF YEARS MARRIED.								Aggregate.	Average.		
	Number.	Sex.	Not contested.	Contested.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.			Over 30.	Unknown.
Adultery,	13	{ Males, Fem.,	5 4	4 3	5 3	- -	4 1	- -	3 1	4 1	2 1	- -	- -	1 1	- -	112 8.62	
Cruel and abusive treatment,	29	{ Males, Fem.,	3 13	1 12	1 22	- -	3 3	- -	3 8	- 8	1 4	- 5	- -	- -	- -	271 9.34	
Desertion,	44	{ Males, Fem.,	15 21	8 2	20 21	- -	3 -	- -	3 2	10 5	8 10	2 4	- -	- -	- -	507 11.52	
Imprisonment,	1	{ Males, Fem.,	- 1	- -	- 1	- -	- -	- -	- -	- -	- -	- -	1 -	- -	- -	28 28.00	
Intoxication,	17	{ Males, Fem.,	2 13	1 1	2 13	- -	1 1	- -	- 1	2 6	1 5	- 2	- -	- -	- -	190 11.18	
Non-support,	13	{ Males, Fem.,	- 11	- 2	- 10	- -	- 3	- -	- 5	- 3	- 5	- -	- -	- -	- -	106 8.15	
Totals,	117	{ Males, Fem.,	25 58	14 20	28 70	- -	11 8	- -	9 17	16 23	12 25	2 12	- 1	- -	- -	1,214 10.38	

DIVORCES, 1909 — Continued.

{ Number of libels pending Jan. 1, 1909 (including all cases, whether decrees nisi had been entered or not), . . . 1,152
 " " pending Jan. 1, 1909, in which decrees nisi had been entered at that date, . . . 126
 " " filed during the year 1909, . . . 817
 " " in which decrees nisi were entered during the year 1909, . . . 532
 { Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were
 finally disposed of during the year 1909, . . . 509
 Number of cases finally determined in 1909, 1 . . . 644

SUFFOLK CO.,

CAUSES.	LIBELLANTS.		DIVORCE.			NUMBER OF YEARS MARRIED.								Average.				
	Number.	Sex.	Not contested.	Contested.	Granted.	Refused.	Dismissed.	Under 6 Months.	Under 1 Year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.		Over 30.	Unknown.	Aggregate.	
Adultery,	103	{ Males, Fem.,	58 45	48 42	10 3	43 36	— —	15 9	— 1	1 1	13 7	13 19	25 15	5 2	1 —	{ —	1,026	9.96
Cruel and abusive treatment,	183	{ Males, Fem.,	12 171	9 158	3 13	4 135	— —	8 36	— 5	8 —	3 47	6 47	2 41	1 20	3 —	{ —	1,813	9.91
Desertion,	236	{ Males, Fem.,	90 146	85 144	5 2	79 141	— —	11 5	— —	— —	6 12	30 42	39 61	14 21	1 10	{ —	2,891	12.25
Imprisonment,	6	{ Males, Fem.,	— 6	— 5	— 1	— 6	— —	— —	— —	— —	— —	— 3	— 2	— 1	— —	{ —	67	11.17
Impotency,	4	{ Males, Fem.,	3 1	3 1	— —	2 1	— —	1 —	— 1	— —	— —	2 —	1 —	— —	— —	{ —	21	5.25
Intoxication,	77	{ Males, Fem.,	22 55	19 54	3 1	11 47	— —	11 8	— 1	3 1	7 11	4 16	7 21	— 4	1 1	{ —	719	9.34

Non-support, . . .	11	{ Males, Fem.,	11	11	-	-	4	-	-	7	-	-	1	3	-	4	3	-	-	{	-	}	70	6.36
Nullity of marriage, . . .	8	{ Males, Fem.,	3	3	-	2	4	-	-	1	1	-	3	-	2	-	1	-	-	-	}	23	2.87	
Totals, ² . . .	628	{ Males, Fem.,	188	167	21	141	-	47	1	4	31	55	74	20	3	132	144	48	14	-	}	6,630	10.56	
																								440

¹ Seven cases transferred to other counties.

² Six petitions to modify decree. Three petitions for alimony. Two agreements to modify decree. Two petitions for custody of children. Two petitions for separate support. One appeal from decree of probate court.

DIVORCES, 1909 — Concluded.

WORCESTER CO.,	{	Number of libels pending Jan. 1, 1909 (including all cases, whether decrees <i>nisi</i> had been entered or not),	676
		pending Jan. 1, 1909, in which decrees <i>nisi</i> had been entered at that date,	77
		" " filed during the year 1909,	280
		" " in which decrees <i>nisi</i> were entered during the year 1909,	171
	{	Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1909,	201
		Number of cases finally determined in 1909,	216

MEDICAL EXAMINERS' RETURNS

1909.

MEDICAL EXAMINERS' RETURNS.

TABLE I.—BY STATE AND COUNTIES.

Exhibiting the Number of Deaths from Accident or Negligence, Suicide, Homicide, and Other Causes in Each County which have been investigated during the Year 1909, under the Medical Examiner Laws.

	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes County.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Number of deaths investigated,	100.00	4,613	41	115	351	8	477	69	287	68	838	6	217	114	1,612	410
HOMICIDE.																
Totals,	2.47	114	—	3	11	—	12	—	7	2	17	—	6	4	42	10
<i>Abortion,</i>	—	17	—	—	1	—	2	—	2	—	3	—	2	—	6	1
<i>Infanticide,</i>	—	19	—	1	2	—	4	—	2	—	3	—	1	—	6	—
<i>Weapons.</i>																
Fire-arms,	—	28	—	1	1	—	4	—	—	1	1	—	2	2	14	2
Stabbing,	—	17	—	1	—	—	—	—	1	—	6	—	—	—	5	4
Poisons,	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—
<i>Other methods,</i>																
Legal electrocution,	—	29	—	—	7	—	2	—	2	1	3	—	1	2	8	3
	—	3	—	—	—	—	—	—	—	—	—	—	—	—	3	—
SUICIDE.																
Totals,	9.63	444	3	9	25	—	55	3	38	8	87	1	13	22	138	42

TABLE I. — Concluded.

	Percentage.	State.	Barnstable.	Berkshire.	Bristol.	Dukes County.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
CAUSES NOT DUE TO VIOLENCE.																
<i>Alcoholism,</i>	3.12	144	—	3	3	—	33	2	7	5	20	—	7	8	46	10
<i>Natural causes,</i>	47.04	2,170	22	39	202	3	189	29	122	33	403	2	105	41	801	179
<i>Causes unknown or ill-defined,</i>	1.91	88	—	—	8	—	6	3	2	1	29	—	—	1	36	2
—																
AUTOPSIES,	—	609	—	4	26	1	24	1	13	1	62	—	10	13	425	29

TABLE II. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.												AGES.													
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 Week.	1 Week to 1 Year.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Unknown.	
DEATHS FROM VIOLENCE.																												
CRIMINAL VIOLENCE.																												
I. HOMICIDE.			5	3	3	5	3	13	13	7	4	5	2	4	13	1	1	5	18	18	7	4	2	1	1	1	1	
	{ Totals,	114																										
	{ Males,	72																										
	{ Fem.,	40	4	3	6	4	3	2	6	3	3	1	1	1	5	1	1	5	15	7	4	2	1	1	1	1		
	{ Unk.,	2																										
By weapons.																												
— Shooting.	{ Totals,	28	2	1	2	1	4	4	2	1	1	1	1	1	1	1	1	1	8	5	3	1	1	1	1	1		
	{ Males,	17																										
	{ Fem.,	11	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	4	1	3	1	1	1	1	1		
— Stabbing.	{ Totals,	17																										
	{ Males,	17	1	1	1	1	1	8	2	2	1	1	1	1	1	1	1	1	6	5	3	1	1	1	1	1		
	{ Fem.,																											
— Other wounds; incised, crushing or otherwise.	{ Totals,	2																										
	{ Males,	1																										
	{ Fem.,	1								1	1	1	1	1					1	1								
By falls and blows.	{ Totals,	23	1	1	2	1	2	3	3	3	1	1	1	1	1	1	1	2	3	6	3	3	1	1	1	1		
	{ Males,	19																										
	{ Fem.,	4			1	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1			
By smothering and strangulation.	{ Totals,	4																										
	{ Males,	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
	{ Fem.,	2																										
Poisons.	{ Totals,	1																										
	{ Males,	1																										
	{ Fem.,	—																										
Abortion.	{ Totals,	17	2	4	1	2	1	1	1	3	1	1	1	1	1	1	1	3	9	4	1	1	1	1	1	1		
	{ Males,																											
	{ Fem.,																											

TABLE II. — Concluded.

CAUSES OF DEATH.	DEATHS.		MONTHS.												AGES.													
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 Week.	1 Week to 1 Year.	1 to 5 Years.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Unknown.
IV. CAUSES NOT DUE TO VIOLENCE -- Con.																												
— Aneurism,		{ Totals, Males, Fem.,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
— Other diseases of circulatory organs,		{ Totals, Males, Fem.,	33 24 9	5 2 1	2 2 1	2 2 1	3 3 1	3 3 1	3 3 1	2 2 1	2 2 1	3 3 1	1 1 1	1 1 1	—	—	—	—	—	—	—	7 3 1	8 5 1	4 4 1	5 1 1	—	—	—
3. <i>Organs of respiration.</i>																												
— Bronchitis,		{ Totals, Males, Fem.,	16 11 5	4 4 1	1 1 1	1 1 1	1 1 1	1 1 1	—	—	—	—	—	—	—	7 4 1	4 1 —	—	—	—	—	—	—	—	—	—	—	—
— Pneumonia,		{ Totals, Males, Fem.,	99 59 40	4 9 3	7 9 4	5 4 3	3 3 3	3 3 3	3 3 3	—	—	—	—	—	—	10 8 10	8 3 1	1	1	5 3 4	5 2 2	9 11 4	6 3 2	3 3 2	3 3 2	1 2 3	—	—
— Other diseases of respiratory organs,		{ Totals, Males, Fem.,	21 13 8	1 2 1	2 1 1	1 1 2	1 1 2	1 1 2	1 1 2	—	—	—	—	—	—	2 1 1	1 1 1	3	1	3	2 2 1	1 1 1	2 2 1	1 1 1	1 1 1	—	—	—
4. <i>Digestive organs.</i>																												
— Peritonitis,		{ Totals, Males, Fem.,	9 4 5	— — —	— — —	— — —	— — —	— — —	1 1 2	2 1 —	—	—	—	—	—	—	—	—	—	—	—	2 2 1	1 1 1	—	—	—	—	—
— Other diseases of digestive organs,		{ Totals, Males, Fem.,	80 46 34	2 3 2	3 2 2	2 4 5	4 8 5	5 7 4	5 4 2	4 5 2	5 2 4	2 4 2	2 4 2	4 1 3	1	21 5 4	5 1 —	1	1	2 5 1	3 1 1	1 4 2	2 1 4	4 4 1	2 1 2	3 1 2	—	—
5. <i>Urinary organs.</i>																												
— Nephritis,		{ Totals, Males, Fem.,	77 38 39	3 5 3	3 3 10	6 3 4	6 3 4	1 1 2	1 1 2	1 1 2	4 1 2	4 1 2	4 1 2	3 1 2	—	—	—	—	—	—	4 9 7	6 6 6	6 3 3	3 3 3	1 1 1	—	—	—
— Other diseases of urinary organs,		{ Totals, Males, Fem.,	28 17 11	— 3 1	— 1 1	— 1 2	— 1 2	— 1 2	— 1 2	— 1 2	— 1 2	— 1 2	— 1 2	— 1 2	—	—	—	—	—	—	1 1 1	2 4 3	4 3 3	3 4 1	1 1 1	—	—	—

EDITORIAL OBSERVATIONS

BY

FRANCIS A. HARRIS, M.D.

SIXTY-EIGHTH REGISTRATION REPORT.

(1909.)

It must follow, from the nature of the material, that in each succeeding year the prefatory remarks in regard to the report of the vital statistics of any Commonwealth having registration must have a certain sameness and cannot well be vitalized by introduction of new material, and the following observations upon the statistics of the births, marriages and deaths must have a similarity to those of other years.

In the original statute regarding the report as to vital statistics it was provided that such tables should be prepared as were of "practical utility" — supposedly — to the citizens of the Commonwealth which authorizes and pays for the construction of such tables. When the laws of the Commonwealth were revised several years ago, the wording of the law was so changed as to apparently leave the matter of the preparation of the tables, their number and character, wholly to the discretion of the Secretary of the Commonwealth, leaving it to his judgment to decide what and how many tables should be prepared.

Since that time the method adopted has been practically the same, however, as when the tables in all particulars were determined by the judgment of the medical men who had had charge of the work.

The work grew in magnitude from the inception of registration, and the number of tables was increased and a vast amount of figures was published without apparently adding to the utility of the report, until the early '90s, when the size of the volume was reduced, and such tables as did not seem of "practical utility" were eliminated; and although there was at first some unfavorable criticism, there seems in later years to be an acquiescence in the reduction of the size of the report, and also an assumption that the tables then and since prepared were sufficient for the needs of the citizens of the Commonwealth who required their use.

There has been occasional inquiry — in not more than a very small number of cases — by some of the clergy as to matters of divorce,

and some question as to the accuracy of tables in regard to the statistics of births and marriages, which only developed the fact that while all statisticians must be mathematicians, not all mathematicians are necessarily statisticians, for a student of statistics soon learns that statistics are, in the words of the Psalmist, "fearfully and wonderfully made," — something to which allusion will be made later on.

It is also a question whether the law intended that the reports of vital statistics should be prepared and paid for that they might be used as text-books for educational institutions rather than for the enlightenment of the general public, who wish to be informed as to sanitary matters and matters concerning business propositions, where a knowledge of the number and causes of deaths may have an important influence on individuals seeking desirable places for homes, and other kindred matters.

The following observations upon the statistics of the Births, Marriages and Deaths registered in Massachusetts in the year 1909 and preceding years, beginning with 1851, together with some comments upon the statistics of Divorce and the Returns of the Medical Examiners, are intended to set forth the principal points of interest derived from a study of the figures contained therein, and to furnish some comparisons between the statistics of the year 1909 and those of other years.

Certain tables usually omitted in the reports for non-census years — tables which depend for their value on an absolute accuracy as to the number of the population, and which can only be prepared on the basis of a population whose number has been ascertained by the census, State or national, and published when such accurate data are available — are omitted in the report for 1909.

A publication of tables of statistics in regard to illegitimate births would be practically a violation of the law of this Commonwealth, and therefore such tables have not been prepared, although most of the other States of the Union which have similar annual reports offer such tables for consideration, in spite of the fact that they must be quite unreliable.

The nosology used in the preparation of the tables of vital statistics by the government at Washington is used in the preparation of this report, as has been the case for several recent years. There are, it is true, slight variations, but they are not of consequence.

It is perhaps worth while to repeat from a previous report a few

words in regard to the change from the antiquated system in vogue for fifty years or more to the nosology adopted in the Massachusetts reports for recent years.

This change to the so-called "Bertillon" system, or modification thereof, facilitates the comparison of the statistics of the Commonwealth of Massachusetts with those of the national government, and those of foreign countries, as well as those of some of the other States of the Union having registration. This change may temporarily render comparison between the statistics of this State, tabulated in the various years since the beginning of registration, and previous to the adoption of this system, and those of a few other States a matter of difficulty, or, at least, inconvenience; but the results apparently justify the change.

Moreover, anyone who has carefully studied the figures in Table 2 of the "Observations" must have been impressed with the great variations in the statements of the estimated number of the population for individual non-census years, as given in the various reports. According to these statements there were years when the population apparently suffered a decrease, — something unlikely to occur as a matter of fact; but it must be borne in mind that such statements were merely estimates, absolute accuracy being possible only in census years. In view of this seeming absurdity the whole of Table 2 was revised for the report for 1900, and again in the report for 1905, — a labor of no mean magnitude, — and both the estimates of the number of the population and the percentages based thereon were in many instances changed, and the editor believes that this table is far more accurate as to those years than it ever was, except in census years.

Whether such a revision of the tables based on revised estimates is worth the time and trouble expended is a question, as even in such case the new tables cannot be wholly accurate, and consequently the percentages based thereon cannot be wholly relied on.

The tables of statistics in regard to divorce, which formerly have been a source of great trouble, are believed to be correct in the report for 1909; but, in spite of the great care exercised, one or two trifling errors may have crept in. Two errors which occurred nearly forty years ago, and where, curiously enough, one error balanced the other, so that the totals were accurate, were discovered in 1906, and these errors had been carried along during all that time. (This is only mentioned to illustrate the difficulty of obtaining absolute accuracy

in tables covering so many years.) And therefore, although the editor believes that the tables as to divorce are at last free from error, he will not be surprised if some error as to a single figure may be discovered by (to paraphrase the late Dr. O. W. Holmes) some *scarbæus mathematicus*.

As in previous reports, so also in the report for this year, the editor is indebted to numerous foreign publications.

It is obvious that in the construction of so many tables of figures of the kind contained in this report there may occur between the editor and the printer errors, chiefly trivial and of small account in effect; but it may be said, in justice to the present editor, that since the very earliest reports issued under his management the whole matter of the "Observations" has been reviewed, revised and carefully constructed or reconstructed where necessary by one whose chief occupation is the preparation of reports of vital statistics, — a gentleman well known in the world of statistics, a man on whom the government at Washington has relied every year for careful and scientific work, but who modestly requests that his name be not published. The editor of this report desires to acknowledge his indebtedness to the same gentleman for his most valuable assistance in the preparation of the report for the year 1909.

POPULATION.

As the number of the population forms the basis of all vital statistics, it is essential that it should be as correctly stated as possible. In this State it is enumerated every five years (State and national census), making the nearest approach to accuracy. Its demographical object is to supply the necessary information as to the number of persons, their local distribution, their ages, sexes, civil condition, nativities and parentages. All these details are required for the exact tabulation of vital statistics, and the nearer they are collated with mathematical exactness the better will be the result. An estimate of the number of a population may closely approximate accuracy, and be suitable for practical purposes, but is never wholly trustworthy. Where a large and steady flow of immigration and emigration is involved, with the natural increase, it is difficult to obtain a formula for approximate computation.

Of the various methods of determining the number of the population in non-census years, a method selected from four mentioned by Mr. Walter F. Willcox, chief statistician for methods and results, in Census Bulletin No. 135, Twelfth Census of United States, which is an estimate reached by assuming that the rate of growths between any two censuses is maintained during the following decade, or in this State quinquennial period, has been employed in the preparation of the report for 1909, as it has been in several previous years, although it is recognized that no single method ensures an accuracy absolutely to be depended on, although on the whole what is known as the logarithmic method probably gives the nearest approach to such result.

The percentage of increase of population in registration States, from 1890 to 1900, is as follows: Connecticut, 21.73 per cent.; Delaware, 9.64 per cent.; District of Columbia, 20.98 per cent.; Maine, 5.05 per cent.; Massachusetts, 25.29 per cent.; Michigan, 15.62 per cent.; New Hampshire, 9.31 per cent.; New Jersey, 30.36 per cent.; New York, 21.19 per cent.; Rhode Island, 24.03 per cent.; and Vermont, 3.37 per cent.

The changes in the number of the population of Massachusetts from 1765 to 1905, together with the annual rates of increase as

shown by the colonial, national and State census, are found in Table 1.

The population of Massachusetts in 1909, as estimated by the method adopted in recent years and previously explained, was 3,172,153.

The estimate, as previously stated, has been made on the basis of a quinquennial period, being therefore likely to be somewhat more accurate. This opinion is shared by Mr. Charles F. Gettemy, Director of the Bureau of Statistics of Labor for this Commonwealth.

TABLE 1. — *Population of Massachusetts and Annual Rates of Increase, 1765–1905, compiled from Colonial, United States and State Census Reports.*¹

YEARS AND CENSUS.	Population.	Increase (+), or Decrease (–), as compared with Previous Census.	Annual Rate of Increase.
1765 (Prov.), ²	239,764	–	–
1776 (Prov.), ³	299,841	+60,077	2.16 per cent. ⁴
1790 (U. S.),	378,787	+78,946	2.02 “ “ ⁵
1800 (U. S.),	422,845	+44,058	1.16 “ “
1810 (U. S.),	472,040	+49,195	1.16 “ “
1820 (U. S.),	523,287	+51,247	1.08 “ “
1830 (U. S.),	610,408	+87,121	1.66 “ “
1840 (U. S.),	737,700	+127,292	2.08 “ “
1850 (U. S.),	994,514	+256,814	3.48 “ “
1855 (State),	1,132,369	+137,855	2.56 “ “
1860 (U. S.),	1,231,066	+98,697	1.74 “ “
1865 (State),	1,267,031	+35,965	.58 “ “
1870 (U. S.),	1,457,351	+190,320	3.00 “ “
1875 (State),	1,651,912	+194,561	2.67 “ “
1880 (U. S.),	1,783,085	+131,173	1.59 “ “
1885 (State),	1,942,141	+159,056	1.78 “ “
1890 (U. S.),	2,238,943	+296,802	3.06 “ “
1895 (State),	2,500,183	+261,240	2.33 “ “
1900 (U. S.),	2,805,346	+305,163	2.45 “ “
1905 (State),	3,003,680	+198,334	1.41 “ “

¹ Census of Massachusetts, Part 2, Vol. 1.² Includes 1,569 Indians, distributed by counties as follows: Barnstable, 515 (of which 230 were in Mashpee); Berkshire, 221 (in Stockbridge); Bristol, 167 (principally in Dartmouth and Freetown); Dukes, 313 (of which 188 were in Chilmark); Middlesex, 37 (in Natick); Nantucket, 93; Plymouth, 223.³ Included 4,761 colored population, distributed by counties as follows: Barnstable, 171; Berkshire, 216; Bristol, 585; Dukes, 59; Essex, 1,049; Franklin, Hampden and Hampshire (one county), 245; Middlesex, 702; Nantucket, 133; Plymouth, 487; Norfolk and Suffolk (one county), 682; Worcester, 432.⁴ This percentage does not include in the population 1,569 Indians.⁵ This percentage does not include in the population 4,671 colored.

TABLE 2.¹ — *Births, Marriages and Deaths, with the Population and Rates and Ratio of Births to Marriages, 1851-1909.*

YEARS.	Population.	Births.	Marriages.	Deaths.	Excess of Births over Deaths.	Births to 1,000 Persons.	Persons Married to 1,000.	Deaths to 1,000 Persons.	Excess Rate of Births over Deaths.	Ratio of Births to Marriages.
1851,	1,020,674	28,661	11,966	18,934	9,727	28.08	23.44	18.55	9.53	2.77
1852,	1,047,518	29,892	11,578	18,482	11,320	28.45	22.11	17.64	10.81	2.50
1853,	1,075,063	30,920	12,828	20,301	10,619	28.76	23.86	18.88	9.88	2.67
1854,	1,103,341	31,997	13,683	21,414	10,583	29.01	24.80	19.40	9.59	2.49
1855,	1,132,369	32,845	12,329	20,798	12,047	29.00	21.06	18.87	10.64	2.40
1856,	1,151,455	34,445	12,265	20,734	13,711	29.91	21.30	18.00	11.90	2.79
1857,	1,170,855	35,320	11,739	21,280	14,040	30.17	20.05	18.17	11.99	2.88
1858,	1,190,583	34,491	10,527	20,776	13,715	28.97	17.68	17.45	11.52	2.94
1859,	1,210,645	35,442	11,475	20,976	14,466	29.28	18.96	17.33	11.95	3.36
1860,	1,231,066	36,051	12,404	23,063	12,983	29.28	20.15	18.74	10.55	3.14
1861,	1,238,176	35,445	10,972	24,085	11,360	28.63	17.72	19.45	9.17	2.86
1862,	1,245,326	32,275	11,014	22,974	9,301	25.92	17.68	18.45	7.47	2.94
1863,	1,252,517	30,314	10,873	27,751	2,563	24.20	17.36	22.16	2.05	2.75
1864,	1,259,750	30,449	12,513	28,753	1,696	24.17	19.87	22.82	1.85	2.80
1865,	1,267,031	30,249	13,051	26,152	4,097	23.87	20.60	20.64	3.23	2.42
1866,	1,302,995	34,085	14,428	23,637	10,448	26.16	22.15	18.15	8.02	2.61
1867,	1,339,979	35,062	14,451	22,773	12,289	26.17	21.56	16.99	9.17	2.43
1868,	1,378,012	36,193	13,856	25,603	10,590	26.26	20.11	18.58	7.68	2.50
1869,	1,417,124	36,141	14,826	26,054	10,087	25.50	20.92	18.39	7.12	2.61
1870,	1,457,350	38,259	14,721	27,329	10,930	26.25	20.20	18.75	7.50	2.58
1871,	1,494,337	39,791	15,746	27,943	11,848	26.63	21.07	18.70	7.93	2.70
1872,	1,532,260	43,235	16,142	35,019	8,216	28.21	21.06	22.85	5.36	2.75
1873,	1,571,142	44,481	16,437	33,912	10,569	28.31	20.92	21.58	6.73	2.76
1874,	1,611,016	45,631	15,564	31,887	13,744	28.32	19.32	18.55	8.53	2.78
1875,	1,651,912	43,996	13,663	34,978	9,018	26.63	16.54	21.67	5.46	2.83
1876,	1,677,351	42,149	12,749	33,186	8,963	25.12	15.20	19.79	5.34	3.08
1877,	1,703,182	41,850	12,758	31,342	10,508	24.57	14.98	18.40	6.17	3.28
1878,	1,729,412	41,238	12,893	31,303	9,935	23.85	14.91	18.10	5.74	3.23
1879,	1,756,043	40,295	13,802	31,801	8,494	22.95	15.71	18.11	4.84	3.13
1880,	1,783,085	44,217	15,538	35,292	8,925	24.80	17.43	19.79	5.01	3.20
1881,	1,813,818	45,220	16,768	36,458	8,762	24.93	18.49	20.10	4.83	2.87
1882,	1,845,086	45,670	17,684	36,785	8,885	24.75	19.17	19.94	4.82	2.72
1883,	1,876,895	47,285	18,194	37,748	9,537	25.14	19.39	20.11	5.08	2.67
1884,	1,909,810	48,615	17,333	36,990	11,625	25.46	18.15	19.04	6.09	2.67
1885,	1,942,141	48,790	17,052	38,094	10,696	25.12	17.56	19.61	5.51	2.81
1886,	1,998,174	50,788	18,018	37,224	13,544	25.42	18.03	18.63	6.78	2.98
1887,	2,055,821	53,784	19,533	40,763	12,411	25.86	19.00	19.83	6.04	2.95
1888,	2,115,131	54,893	19,739	42,097	12,796	25.95	18.19	19.90	6.10	2.81
1889,	2,176,153	57,075	20,397	41,777	15,298	26.23	18.75	19.20	7.03	2.89
1890,	2,238,943	57,777	20,838	43,528	14,249	25.81	18.60	19.44	6.36	2.83
1891,	2,288,911	63,004	21,675	45,185	17,819	27.53	18.94	19.74	7.78	3.02
1892,	2,339,994	65,824	22,507	48,762	17,062	28.13	19.24	20.86	7.29	3.04
1893,	2,392,217	67,192	22,814	49,034	18,108	28.09	19.07	20.52	7.57	3.03
1894,	2,445,605	66,936	20,619	46,791	20,145	27.37	16.86	19.13	8.24	2.93
1895,	2,500,183	67,545	23,102	47,540	20,005	27.02	18.48	19.01	8.00	3.27
1896,	2,558,437	72,343	23,651	49,381	22,962	28.27	18.09	19.30	8.97	3.13
1897,	2,618,048	73,205	23,038	47,419	25,786	27.96	17.57	18.11	9.85	3.09
1898,	2,679,048	73,110	22,142	46,761	26,349	27.29	16.53	17.45	9.83	3.17
1899,	2,741,470	70,457	23,523	47,710	22,747	25.70	17.16	17.40	8.29	3.18
1900,	2,805,346	73,386	24,342	51,156	22,230	26.16	17.35	18.23	7.92	3.12
1901,	2,843,927	71,976	24,891	48,275	23,701	25.31	17.50	16.97	8.33	2.96
1902,	2,883,030	72,219	25,685	47,491	24,728	25.05	17.82	16.47	8.57	2.90
1903,	2,922,671	73,584	24,940	49,054	24,530	25.18	18.43	16.78	8.39	2.86
1904,	2,962,857	75,014	25,993	48,482	26,532	25.32	17.55	16.36	8.95	2.79
1905,	3,003,680	75,022	27,184	50,486	24,536	24.98	18.10	16.51	8.17	2.89
1906,	3,044,980	80,237	29,654	50,624	29,613	26.35	19.48	16.63	9.72	2.88
1907,	3,086,687	85,001	31,055	54,234	30,767	27.54	20.12	17.57	9.97	2.87
1908,	3,129,128	86,911	27,071	51,788	35,123	27.77	17.30	16.51	11.26	3.21
1909,	3,172,153	84,039	29,002	51,236	32,803	26.49	18.29	16.15	10.34	3.25

¹ In all but census years the number of the population and the rates have been estimated; in order that an approximate comparison may be made.

As stated on a preceding page, Table 2 was thoroughly revised in the reports for the years 1900 and 1905, that greater accuracy, both as to the number of population and the various ratios based on such number, might be attained, but, as was also stated, it is open to question whether such revision, made every five years, is wholly worth the time and labor expended thereon. In the report for 1905, — the end of a five-year period and after a new census, — the estimates for the previous four years were revised by using the method described, only, instead of the term of, for instance, the five years from 1895 to 1900, the term from 1900 to 1905 was used. In the report for 1909 a return to the system of geometrical estimate is of course necessary. It is not likely that the population of the State actually decreased in any year, as would appear in some instances to be the fact when the first estimates are compared with the census figures; but even such a diminution, in certain years and under certain conditions, if it should appear, would not be wholly impossible, as a falling off in the number of births, a great epidemic, a war or great emigration might actually result in a diminution of the number of the population. At any rate, it has been the custom to make such revision, and that custom was followed in the report for 1905, and such persons as scrutinize the table (2) closely and compare it with the corresponding table in the reports for 1901, 1902, 1903 and 1904 will understand why there appears a difference of statement as to the corresponding figures of this table.

Another matter concerning Table 2 which deserves comment is the column giving the ratio of births to marriages. The method adopted by the statistician is not to divide the number of marriages of the current year by the number of the births of that year, because of the assumption that no births would within the year follow a marriage of that year, but to divide the number of births by the number of marriages of the preceding year. This method is ingenious but open to question. In the first place this method apparently assumes that all the children born in any particular year are those of parents married during the previous year. What about the thousands of children of parents who married many years before? While there are no statistics to demonstrate the matter, it is a question whether most marriages are not followed by the birth of children till after a longer period than one year. What about the children born during the last quarter of the year? These amounted to 17,959 in 1909.

On the whole, there is such a very large probability of the ratios, by whatever method obtained, being inaccurate, that only the fact that such a column of ratios has been embodied in this table from the inception of registration prevents the editor from omitting it altogether. It seems to him that ratios obtained by the method described can at best furnish food for thought to the man of the world or the earnest student of sociology.

The ratios to the living population for 1909 were as follows, as calculated on the estimated population of 1909, namely, 3,172,153:—

Birth-rate,	26.49	to 1,000	of the living population.
Marriage-rate (marriages),	9.15	"	" "
Persons married,	18.29	"	" "
Death-rate,	16.15	"	" "
Excess of births over deaths (rate), .	10.34	"	" "

These rates would indicate 1 child born alive to 38 persons, 1 person married to 55 persons and 1 death to 62 living persons.

The same data also indicate a daily average of 230 births, 79 marriages and 140 deaths during the year.

In Table 2 are presented the number of the population, the number of births, marriages and deaths, the excess of births over deaths, the birth, marriage and death rates, the natural rate of the increase of the population and the ratio of living births to marriages for a period of fifty-nine years.

By this table (2) it appears that the birth-rate of 1909 was less than that of 1907 and 1908, but greater than that of any other year in the previous decade, 1900-1909; the marriage-rate was greater than that of last year, as well as greater than that of any year since 1896, except 1903, 1906 and 1907; the death-rate was less than that of the year 1908, and also the smallest of any year since registration began.

The variations of the various rates — birth, marriage and death — will be discussed at greater length in the chapters assigned to the consideration of these particular matters.

TABLE 3. — *Showing Rates for Periods ending with Census Years, 1855-1905.*

	Marriages to 1,000 Persons.	Births to 1,000 Persons.	Deaths to 1,000 Persons.	Excess of Birth-rate over Death-rate.
5 years ending 1855, . . .	11.6	28.6	18.6	10.0
5 " " 1860, . . .	9.8	29.5	17.7	11.6
5 " " 1865, . . .	9.3	25.3	20.7	4.6 ¹
5 " " 1870, . . .	10.5	26.0	18.2	7.9
5 " " 1875, . . .	9.9	27.6	20.8	6.8
5 " " 1880, . . .	7.8	24.2	18.8	5.4
5 " " 1885, . . .	9.3	25.0	19.8	5.3
5 " " 1890, . . .	9.3	25.8	19.4	6.4
5 " " 1895, . . .	9.3	27.6	19.8	7.8
5 " " 1900, . . .	8.7	27.0	18.0	8.9
5 " " 1905, . . .	8.7	25.1	16.7	8.4

¹ The five-year period influenced by the war.

Table 3: in periods of five years the excess of the birth-rates over death-rates from 1870 to 1885 shows a decreasing tendency; from 1890 there appears to be a favorable increase up to 1905.

The following table (4) gives the population by sex and the number of persons living at each age-period for nine census years and the average number for each age-period for five census years:—

TABLE 4. — *Massachusetts. — Population by Sex and by Age-periods, — State and National Census, 1865–1905.*

YEARS.	Totals.	Males.	Females.	Under 5.	5-9 inclusive.	10-14 inclusive.	15-19 inclusive.	20-29 inclusive.	30-39 inclusive.	40-49 inclusive.	50-59 inclusive.	60-69 inclusive.	70-79 inclusive.	80 and Over.	Unknown Age.
1865, . . .	1,267,031	602,010	665,021	133,943	143,391	126,691	117,171	225,506	185,543	142,831	96,446	59,216	26,675	8,316	1,302
1870, . . .	1,457,351	703,779	753,572	156,889	139,796	148,371	142,184	274,889	214,151	162,689	108,348	68,401	31,895	9,727	41
1875, . . .	1,651,912	794,383	857,529	173,855	163,738	148,365	163,936	310,861	240,966	182,823	126,430	79,186	38,283	11,167	10,302
1880, . . .	1,783,085	858,440	924,645	179,307	171,395	161,425	167,596	343,701	264,413	203,515	142,053	91,619	44,337	13,325	—
1885, . . .	1,942,141	932,884	1,009,257	178,338	181,842	176,551	187,247	384,756	287,219	222,920	156,760	101,619	49,235	15,516	144
Average,	1,620,304	778,209	842,095	164,466	160,072	152,281	156,027	307,935	238,458	182,956	126,007	80,008	38,085	11,650	2,558
1890, . . .	2,238,943	1,087,709	1,151,234	203,758	195,578	192,228	214,613	465,387	341,622	253,181	178,131	114,172	55,886	17,886	6,501
1895, . . .	2,500,183	1,214,701	1,285,482	235,647	224,119	202,900	225,881	521,392	400,134	282,781	199,511	125,283	61,011	18,510	3,014
1900, . . .	2,805,346	1,367,474	1,437,872	282,237	256,061	229,330	237,867	561,792	461,146	323,649	220,391	138,594	65,355	19,396	9,528
1905, . . .	3,003,680	1,461,589	1,542,091	262,325	277,091	258,052	261,955	568,561	504,316	369,185	241,402	154,275	73,383	22,838	5,827
PERCENTAGES.															
1865, . . .	100.00	47.52	52.48	10.57	11.32	9.99	9.25	17.80	14.64	11.27	7.61	4.67	2.11	.66	.10
1870, . . .	100.00	48.29	51.71	10.77	9.59	10.18	9.76	18.86	14.70	11.16	7.43	4.69	2.19	.67	—
1875, . . .	100.00	48.09	51.91	10.53	9.91	8.98	10.04	18.82	14.69	11.07	7.65	4.79	2.32	.68	.62
1880, . . .	100.00	48.15	51.85	10.06	9.62	9.05	9.40	19.28	14.83	11.41	7.97	5.14	2.49	.76	—
1885, . . .	100.00	48.03	51.97	9.18	9.36	9.09	9.64	19.81	14.79	11.48	8.07	5.23	2.53	.80	.01
Average,	100.00	48.03	51.97	10.15	9.88	9.40	9.63	19.01	14.72	11.29	7.77	4.94	2.35	.72	.15
1890, . . .	100.00	48.58	51.42	9.10	8.73	8.58	9.58	20.78	15.26	11.38	7.95	5.10	2.49	.79	.29
1895, . . .	100.00	48.58	51.42	9.42	8.96	8.11	9.03	20.85	16.00	11.31	7.98	5.01	2.44	.77	.12
1900, . . .	100.00	48.45	51.55	10.06	9.13	8.17	8.48	20.02	16.44	11.54	7.86	4.94	2.33	.69	.43
1905, . . .	100.00	48.66	51.34	8.73	9.23	8.49	8.72	18.94	16.79	12.29	8.04	5.13	2.44	.76	.18

In Table 5 the density of population of European countries is compared with Massachusetts.

TABLE 5.¹ — *Density of Population in European Countries compared with Massachusetts.*

COUNTRIES.	Superficial Square Kilometer.	Population.	Number of Inhabitants per Square Kilometer.
Germany, 1900,	540,657	56,367,178	104
Bavaria, 1900,	75,864	6,176,037	81
Prussia, 1900,	348,607	34,472,509	98
Saxony, 1900,	14,992	4,202,216	280
Wurtemberg, 1900,	19,517	2,169,480	116
Austria, 1900,	300,010	26,107,304	87
Bulgaria, 1900,	96,660	3,733,189	32
Denmark, 1901,	38,455	2,449,540	63
Spain, 1897,	496,928	18,226,040	36
France, 1900,	536,408	38,661,945	72
Great Britain, 1901,	314,628	41,454,621	131
Greece, 1896,	65,119	2,433,806	37
Holland, 1899,	32,999	5,104,137	154
Hungary, 1900,	322,310	19,203,531	59
Italy, 1901,	286,648	32,966,307	113
Norway, 1900,	322,304	2,221,477	6
Portugal, 1897,	92,575	5,284,745	57
Roumania, 1899,	131,020	5,912,320	45
Russia in Europe, 1897,	5,389,985	106,304,876	19
Servia, 1901,	48,303	2,535,066	52
Sweden, 1899,	447,862	5,097,402	11
Switzerland, 1900,	41,419	3,325,023	80
Belgium, 1900,	29,456	6,695,810	227
Massachusetts, 1900,	21,537	2,805,346	130
Massachusetts, 1905,	21,537	3,003,680	139

¹ Annuaire Statistique de Belgique, 1901.

The above ratios show no relation to density by districts. For density of cities and rural districts the census of 1905 shows the population of Massachusetts to be 3,003,680, of which the cities are credited with 2,014,315 and the rural districts with 989,365 persons.

No statistics as to foreign countries in the matter of density of population, other than as given above, are available when this report goes to press. The editor is wholly under obligation to foreign publications for his data.

BIRTHS.

Although the law applies to the registration of births, as well as to that of marriages and deaths, it is probable that the statistics of the births are less accurate than those of either of the other two classes. From the nature of things, marriages and deaths must be registered, in order that the former may be solemnized, or that interment be possible in case of deaths; but in the case of the births, the inadequacy of penalty for neglect, ignorance of the law, as well as topographical conditions, tend to an incomplete registration. The editor of the "New York Medical Times" says with undoubted truth in the August issue: "In the great majority of our communities, unfortunately, the birth registration is worthless, and the ratios calculated upon the returns would be correspondingly deceptive and unreliable." It is therefore likely that the number of births returned in Massachusetts in 1909 was less than the actual number which occurred; hence a lower birth-rate, and comparisons between births and deaths inaccurate. This report, however, must deal only with such data as are at hand.

The number of living births registered in 1909 was 84,039, which is a decrease of 2,872 births over the number registered in 1908.

The rate for living births, as calculated on the estimated number of the population (26.49), was less than that of 1907 and 1908, but greater than that of any previous year of the decade 1900-1909.

The birth-rates since the beginning of registration show very marked fluctuations; for instance, during the first eleven years the rate to the thousand of population varied from a minimum of 28.08 to a maximum of 30.17, while for the next eleven years the variation was from a minimum of 23.87 to a maximum of 28.21, after which there was an increase for two years, only to be followed by a drop for the next seventeen years, and then a slight rise in the following seven years, which was succeeded by a smaller rate up to 1907 and 1908, but the rate again shows a falling off in 1909.

These rates differ but little from those of the averages for the quinquennial periods. Those periods gave a rate of 29.5 for the years 1856-1861, and 28.6 for the years 1851-1856, with variations from a minimum of 24.2 to 27.6.

The number of births and still-births for a period of thirty years, 1880-1909, together with the ratio of still-births to the total births in five-year periods, are presented in Table 6. This ratio is low, as compared with many European countries.

TABLE 6. — *Births for Thirty Years, 1880-1909.*

YEARS.					Born Alive.	Still-born.	Totals.	Ratio of Still-births to Total Births (Five- year Groups).
1880,	44,217	1,297	45,514	0.31
1881,	.	.	.	.	45,220	1,466	46,686
1882,	.	.	.	.	45,670	1,485	47,155
1883,	.	.	.	.	47,285	1,589	48,874
1884,	.	.	.	.	48,615	1,628	50,243
1885,	48,790	1,589	50,379	0.33
1886,	.	.	.	.	50,788	1,796	52,584
1887,	.	.	.	.	53,174	1,794	54,968
1888,	.	.	.	.	54,893	1,943	56,836
1889,	.	.	.	.	57,075	2,021	59,096
1890,	57,777	2,099	59,876	0.34
1891,	.	.	.	.	63,004	2,222	65,226
1892,	.	.	.	.	65,824	2,293	68,117
1893,	.	.	.	.	67,192	2,444	69,636
1894,	.	.	.	.	66,936	2,353	69,289
1895,	67,545	2,367	69,912	0.35
1896,	.	.	.	.	72,343	2,615	74,958
1897,	.	.	.	.	73,205	2,652	75,857
1898,	.	.	.	.	73,110	2,728	75,838
1899,	.	.	.	.	70,457	2,649	73,106
1900,	73,386	2,873	76,259	0.36
1901,	.	.	.	.	71,976	2,682	74,658
1902,	.	.	.	.	72,219	2,836	75,055
1903,	.	.	.	.	73,584	2,635	76,219
1904,	.	.	.	.	75,014	2,846	77,860
1905,	75,022	2,618	77,640	0.35
1906,	.	.	.	.	80,237	2,760	82,997
1907,	.	.	.	.	85,001	3,079	88,080
1908,	.	.	.	.	86,911	3,179	90,090
1909,	.	.	.	.	84,039	3,102	87,141

The birth-rate for 1909, including still-births, was 27.47, or 0.98 for still-births alone, as compared with 28.57 and 1.01 for 1908.

In the following table (7) are shown the birth-rates for fifty-nine years, grouped in five-year periods, 1851-1909.

TABLE 7. — *Showing Birth-rates, 1851-1909.*

YEARS.			Births to 1,000 of Pop- ulation.	YEARS.			Births to 1,000 of Pop- ulation.
1851,	.	.	28.08	}	1881,	.	24.93
1852,	.	.	28.45		1882,	.	24.75
1853,	.	.	28.76		1883,	.	25.14
1854,	.	.	29.01		1884,	.	25.46
1855,	.	.	29.00		1885,	.	25.12
			28.6				25.0
1856,	.	.	29.91	}	1886,	.	25.42
1857,	.	.	30.17		1887,	.	25.86
1858,	.	.	28.97		1888,	.	25.95
1859,	.	.	29.28		1889,	.	26.23
1860,	.	.	29.28		1890,	.	25.81
			29.5				25.8
1861,	.	.	28.63	}	1891,	.	27.53
1862,	.	.	25.92		1892,	.	28.13
1863,	.	.	24.20		1893,	.	28.09
1864,	.	.	24.17		1894,	.	27.37
1865,	.	.	23.87		1895,	.	27.02
			25.3				27.6
1866,	.	.	26.16	}	1896,	.	28.27
1867,	.	.	26.17		1897,	.	27.96
1868,	.	.	26.26		1898,	.	27.29
1869,	.	.	25.50		1899,	.	25.70
1870,	.	.	26.25		1900,	.	26.16
			26.0				27.0
1871,	.	.	26.63	}	1901,	.	25.07
1872,	.	.	28.21		1902,	.	24.58
1873,	.	.	28.31		1903,	.	24.48
1874,	.	.	28.32		1904,	.	24.39
1875,	.	.	26.63		1905,	.	24.98
			27.6				24.7
1876,	.	.	25.12	}	1906,	.	26.35
1877,	.	.	24.57		1907,	.	27.54
1878,	.	.	23.85		1908,	.	27.77
1879,	.	.	22.95		1909,	.	26.49
1880,	.	.	24.80				—
			24.2				—

As before stated, the birth-rate for 1909 is the highest since 1898, with two exceptions, 1907 and 1908. The decrease from the rate in 1908 is 1.28 per cent.

Undoubtedly economic conditions affect the birth-rate, but to what extent it is difficult to determine. This matter was exploited to a certain degree in the report for 1900, and the views of Dr. J. S. Billings and Dr. Wilbur were quoted and attention was paid to what has recently been called "race suicide."

From the reports of the registration of 1909 it appears that the

children of parents who are both foreign or of whom one is foreign born amount to over 68 per cent. (68.3) of the total number of living births. Reference to previous reports shows that the average birth-rate for the native born living births for the period 1859-1863 was 46.06 per cent., and 46.89 for the foreign; for the period 1869-1873 it was 40.54 per cent. for the native and 48.48 for the foreign; for the period 1874-1878 it was 40.52 per cent. for the native and 45.30 for the foreign; for the period 1879-1883 it was 41.68 per cent. for the native and 41.32 for the foreign, and for the period 1884-1889 it was 49.35 for the native and 50.65 for the foreign.

In 1890 the percentage of native born was 34.82, foreign born 44.10; in 1900 the percentage was 31.45 for the native, 49.30 for the foreign born, while in 1905 the percentage was 31.70 for the native, and 49.43 for the foreign born.

In Table 8 are presented the birth-rates for Massachusetts and several foreign countries. This table gives the most recent birth-rates attainable of foreign countries. Russia has the highest birth-rate and France the lowest.

TABLE 8.¹ — *Comparative Birth-rates.*

COUNTRIES.	Birth-rates per 1,000 Inhabitants.	COUNTRIES.	Birth-rates per 1,000 Inhabitants.
Massachusetts, 1909, .	27	Russia, 1901, . . .	48
Hungary, 1906, . . .	36	Belgium, 1906, . . .	26
Austria, 1906, . . .	35	Norway, 1906, . . .	27
Germany, 1906, . . .	33	Sweden, 1906, . . .	26
Italy, 1906, . . .	32	Switzerland, 1906, . .	27
Holland, 1906, . . .	30	Spain, 1906, . . .	33
Great Britain, 1906, .	27	France, 1906, . . .	21

¹ Annuaire Statistique de Belgique, 1908.

TABLE 8A.¹—*Supplemental Table of Birth-rates for a Period of Seven Years, compared with the State of Massachusetts, 1899–1905.*

CITIES.	Population.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
London,	4,084,794	29.4	28.6	29.0	28.5	28.4	27.9	27.4
New York,	4,024,780	21.9	23.6	22.8	23.6	25.4	25.9	25.8
Paris,	2,722,731	20.6	21.0	21.3	20.8	19.9	19.6	18.8
Berlin,	2,019,043	27.0	26.7	26.7	25.8	24.7	24.5	24.4
Vienna,	1,897,630	31.2	30.9	29.9	30.2	28.2	28.3	25.8
St. Petersburg,	1,410,000	28.1	24.0	25.9	32.8	—	35.6	34.6
Moscow,	1,092,360	33.5	33.8	30.9	32.2	32.5	33.7	34.0
Osaka (Japan),	1,026,767	21.3	23.0	19.5	19.7	19.3	19.4	—
Buenos Ayres,	1,002,444	41.8	39.8	39.9	40.1	35.8	36.5	34.1
Rio de Janeiro,	905,000	18.5	17.8	17.4	18.1	17.8	18.2	17.4
Glasgow,	809,986	33.0	32.7	31.7	31.9	31.9	31.0	30.0
Hamburg,	791,462	30.4	29.1	27.9	27.3	26.3	26.2	25.8
Brussels,	598,467	23.4	23.3	22.8	22.8	20.3	19.8	19.1
Naples,	574,675	29.6	30.3	28.8	29.3	29.0	30.3	28.4
Madrid,	568,835	30.1	30.0	30.1	29.9	30.4	26.8	25.9
Amsterdam,	554,514	30.0	29.0	29.2	28.5	28.1	27.1	26.6
Milan,	536,554	25.1	25.2	26.6	26.4	25.6	26.3	25.4
Marseilles,	512,361	24.6	23.6	23.6	24.1	22.4	22.3	21.5
Copenhagen,	425,000	28.8	29.0	29.3	29.3	29.3	28.5	28.1
Massachusetts,	3,003,680	25.7	26.2	25.3	25.0	25.2	25.3	24.9

¹ Bureau Municipal de Statistique d'Amsterdam.

In Table 9 are presented the number of births by counties for a period of forty years and the birth-rates of census years. In this table the births of each county for any given year and the birth-rate for any census year may be compared with those of other counties and with those of the State for the same year, and also with the births of the same county in other years as well as the birth-rates of the counties in census years.

This table shows considerable uniformity in the birth-rates of different counties when the birth-rates for counties are compared for different census years, while compared with each other the birth-rates present considerable variations, Bristol County having the highest and Barnstable, Dukes and Nantucket the lowest for 1905.

As compared with the births in 1908, there was in 1909 an increase in Bristol, Franklin and Nantucket counties and a decrease in all the rest.

TABLE 9. — *Births, 1870-1909, and Birth-rates in Census Years, by Counties.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Whole State.
Population, 1865,	34,610	56,944	89,395	4,200	171,034	31,340	64,570	39,269	220,384	4,748	116,306	63,107	208,212	162,912	1,267,031
" 1870,	32,744	64,287	102,886	3,787	200,843	32,635	78,409	44,388	274,353	4,123	89,443	65,365	270,802	192,716	1,457,351
" 1875,	32,144	68,270	131,087	4,071	223,342	33,696	94,304	44,821	284,112	3,201	88,331	69,362	364,886	210,295	1,651,912
" 1880,	31,897	69,032	139,040	4,300	244,535	36,001	104,142	47,232	317,830	3,727	96,507	74,018	387,927	226,897	1,783,085
" 1885,	29,845	73,828	138,498	4,135	263,727	37,449	116,764	48,472	357,311	3,142	102,142	81,680	421,109	244,039	1,942,141
" 1890,	29,172	81,108	186,465	4,369	299,995	38,610	135,713	51,859	431,167	3,268	118,950	92,700	484,780	280,787	2,238,943
" 1895,	27,654	86,292	219,019	4,238	330,393	40,145	152,938	54,710	499,217	3,016	134,819	101,498	539,799	306,445	2,500,183
" 1900,	27,826	95,667	252,029	4,561	357,030	41,209	175,603	58,820	565,696	3,006	151,539	113,985	611,417	346,958	2,805,846
" 1905,	26,831	98,330	269,257	4,551	381,181	43,362	196,013	62,227	608,499	2,930	167,537	127,932	652,362	362,668	3,003,680
Birth-rates,	22.3	23.6	22.1	20.7	21.8	18.2	24.2	21.1	24.4	10.1	24.8	20.9	27.5	24.5	23.9
Living births,	669	1,616	2,682	51	4,772	644	1,969	1,019	7,444	48	2,256	1,463	8,614	5,012	38,259
Birth-rates,	20.4	24.9	26.1	13.4	23.7	19.7	25.1	22.9	27.1	11.6	25.2	22.4	31.8	26.0	26.2
Living births,	709	1,784	2,766	57	5,114	658	2,235	993	7,289	51	2,316	1,464	9,006	5,349	39,791
" 1870,	669	1,637	3,126	64	6,158	674	2,321	1,095	8,261	56	2,416	1,452	9,761	5,515	43,235
" 1875,	615	1,653	3,328	56	5,686	733	2,527	1,111	8,065	55	2,517	1,549	10,254	5,792	44,481
" 1880,	705	1,688	3,252	52	5,820	735	2,618	1,048	7,994	60	2,173	1,521	12,271	5,694	45,631
" 1885,	659	1,678	3,440	65	5,722	673	2,635	1,035	7,247	57	2,276	1,469	11,582	5,458	43,996
Birth-rates,	20.5	24.6	26.2	15.9	25.6	20.0	27.9	21.3	25.5	17.8	25.8	21.2	31.7	26.4	26.6
Living births,	608	1,537	3,220	46	5,216	635	2,443	978	7,140	77	2,024	1,455	11,324	5,451	42,149
" 1870,	607	1,537	3,177	64	5,370	660	2,359	944	7,379	64	2,052	1,459	11,070	5,098	41,850
" 1875,	578	1,508	3,171	54	5,369	617	2,273	894	7,264	69	2,039	1,338	10,715	5,349	41,238
" 1880,	542	1,527	2,852	34	5,086	637	2,374	946	7,082	59	2,004	1,301	10,742	5,139	40,295
" 1885,	505	1,606	3,560	62	5,815	649	2,645	972	8,030	56	2,074	1,346	11,148	5,749	44,217
Birth-rates,	15.8	23.3	25.6	14.4	23.8	18.0	25.4	20.6	25.3	15.3	21.4	18.2	28.8	25.4	24.8
Living births,	485	1,664	4,093	41	5,864	682	2,585	1,005	8,067	60	2,141	1,450	11,124	5,959	45,220
" 1880,	506	1,698	3,799	51	5,927	736	2,756	923	8,087	67	2,229	1,500	11,617	5,794	45,670
" 1885,	508	1,947	4,051	57	6,036	729	2,067	969	8,127	64	2,222	1,445	11,908	6,155	47,285
" 1890,	504	2,005	4,181	45	6,058	709	3,496	979	8,504	57	2,267	1,488	12,063	6,198	48,615
" 1895,	518	1,901	4,190	66	6,070	747	3,482	954	8,843	36	2,329	1,528	12,092	6,034	48,790
Birth-rates,	17.4	25.7	26.4	15.9	23.0	19.9	29.8	19.7	24.7	11.4	22.8	18.7	28.7	24.7	25.1

Living births, 1886,	489	1,948	4,460	75	6,535	756	3,517	1,101	9,046	36	2,322	1,553	12,596	6,454	50,788
" " 1887,	501	2,025	4,597	67	6,861	798	3,645	1,062	9,926	55	2,430	1,595	12,776	6,836	53,174
" " 1888,	547	2,159	4,854	67	6,884	740	3,858	1,069	10,105	46	2,487	1,667	13,334	7,088	54,893
" " 1889,	539	2,139	4,826	68	7,073	828	4,038	1,092	10,925	52	2,778	1,736	13,525	7,356	57,075
" " 1890,	488	2,135	4,958	79	7,104	769	4,136	1,084	11,149	50	2,710	1,758	14,046	7,320	57,777
Birth-rates, 1886,	16.38	26.32	26.58	18.08	23.68	19.68	20.47	20.90	25.85	15.30	22.78	18.96	28.98	26.07	25.81
Living births, 1891,	530	2,179	5,436	71	7,804	813	4,611	1,126	12,847	52	2,947	1,905	15,227	7,971	63,004
" " 1892,	546	2,083	5,924	71	7,784	898	4,708	1,229	12,379	50	2,956	1,946	16,542	8,208	65,824
" " 1893,	516	2,283	6,200	73	8,392	908	4,804	1,194	13,197	55	3,132	2,144	15,588	8,696	67,192
" " 1894,	536	2,248	6,188	65	8,177	912	4,589	1,194	13,246	55	3,145	1,976	16,408	8,237	66,936
" " 1895,	520	2,193	6,163	86	8,004	833	4,891	1,186	13,501	55	3,107	2,064	16,768	8,134	67,545
Birth-rates, 1895,	18.80	25.41	28.14	20.29	34.74	20.75	31.98	21.68	27.04	18.24	23.34	20.34	31.06	26.54	27.02
Living births, 1896,	494	2,285	7,280	66	8,746	901	4,998	1,298	14,135	61	3,238	2,217	17,779	8,845	72,343
" " 1897,	482	2,474	8,092	61	8,560	865	5,179	1,254	14,015	44	3,229	2,104	18,167	8,687	73,205
" " 1898,	517	2,350	8,608	82	8,433	838	5,191	1,254	13,737	51	3,345	2,142	17,798	8,764	73,110
" " 1899,	470	2,190	7,762	59	8,097	800	5,117	1,210	13,360	38	3,295	2,194	17,294	8,571	70,457
" " 1900,	482	2,348	8,411	78	8,746	828	5,209	1,263	13,875	39	3,286	2,270	17,588	9,003	73,386
Birth-rates, 1900,	17.32	24.54	33.37	17.10	24.38	20.09	29.66	21.47	24.53	12.97	21.68	19.91	28.77	25.95	26.16
Living births, 1901,	464	2,257	8,539	56	8,316	874	5,122	1,254	13,824	45	3,202	2,205	16,840	9,158	71,976
" " 1902,	451	2,394	8,666	60	8,259	882	5,152	1,360	13,545	36	3,239	2,200	16,820	9,155	72,219
" " 1903,	439	2,411	8,838	51	8,561	880	5,152	1,361	13,847	44	3,338	2,249	16,946	9,467	73,584
" " 1904,	511	2,430	9,183	72	8,873	908	5,151	1,325	13,926	43	3,568	2,329	17,148	9,547	75,014
" " 1905,	492	2,348	8,834	66	8,820	1,002	5,414	1,433	13,866	49	3,518	2,449	17,266	9,465	75,022
Birth-rates, 1905,	18.33	23.88	33.64	14.50	23.14	23.11	27.62	23.03	22.59	16.72	21.06	19.14	26.46	26.09	24.98
Living births, 1906,	460	2,338	9,607	63	10,041	905	5,577	1,419	14,766	45	3,875	2,727	18,765	9,649	80,237
" " 1907,	522	2,372	10,331	73	10,460	974	5,827	1,523	15,632	51	3,840	2,937	20,165	10,244	85,001
" " 1908,	573	2,509	10,861	94	10,677	983	6,295	1,600	15,860	41	3,972	3,083	19,890	10,473	86,911
" " 1909,	546	2,404	11,009	67	10,318	1,005	6,260	1,510	15,297	54	3,772	2,989	19,091	9,717	84,039
Ratio of population to number of families (1875),	3.86	4.82	4.59	3.59	4.45	4.28	4.72	4.67	4.68	3.41	4.53	4.24	4.84	4.55	4.60
Ratio of population to number of families (1885),	3.58	4.69	4.55	3.39	4.45	4.25	4.67	4.59	4.70	3.06	4.52	4.12	4.84	4.50	4.58
Ratio of population to number of families (1895),	3.42	4.59	4.59	3.24	4.44	4.17	4.66	4.66	4.64	3.07	4.54	4.09	4.78	4.55	4.57
Ratio of population to number of families (1900),	3.47	4.61	4.62	3.20	4.28	4.18	4.70	4.73	4.55	3.18	4.57	4.07	4.77	4.61	4.56
Ratio of population to number of families (1905),	3.45	4.53	4.61	3.29	4.41	4.22	4.73	4.77	4.54	3.03	4.55	4.13	4.75	4.58	4.55

Seasons of the Year. — In tables 10 and 11 is shown the relation of the birth-rate to the seasons of the year; in the former table the data of 1909 are compared with those of 1908 by months and quarters, and in the latter the number of births in each month for a period of twenty years is presented.

TABLE 10. — *Births and Birth-rates by Months and Quarters, 1908 and 1909.*

	Births registered in Each Month.		Births registered in Each Quarter.		Monthly Percentages of Births.		Quarterly Percentages of Births.	
	1908.	1909.	1908.	1909.	1908.	1909.	1908.	1909.
January, . . .	7,440	7,175	22,222	20,968	{ 8.6	{ 8.4	25.57	24.95
February, . . .	6,989	6,537			{ 8.1	{ 7.8		
March, . . .	7,793	7,256			{ 8.9	{ 8.6		
April, . . .	6,940	6,556	21,568	20,263	{ 7.9	{ 7.8	24.81	24.11
May, . . .	7,414	6,826			{ 8.5	{ 8.1		
June, . . .	7,214	6,881			{ 8.3	{ 8.2		
July, . . .	7,525	7,156	22,099	21,625	{ 8.7	{ 8.5	25.43	25.73
August, . . .	7,493	7,290			{ 8.6	{ 8.7		
September, . . .	7,081	7,179			{ 8.2	{ 8.6		
October, . . .	6,882	7,122	21,022	21,183	{ 7.9	{ 8.5	24.19	25.21
November, . . .	7,009	7,018			{ 8.1	{ 8.4		
December, . . .	7,131	7,043			{ 8.2	{ 8.4		
The year, . . .	86,911	84,039	86,911	84,039	100.0	100.0	100.00	100.00

The largest number of births in a single month in 1909 occurred in August and in the third quarter of the year, and the least number occurred in February and in the second quarter.

TABLE 11. — *Living Births. — By Months, Quarters and Periods of Six Months. Twenty Years, 1890–1909.*

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1890,	4,947	4,488	4,891	4,436	4,757	4,645	5,147	5,270	4,559	4,569	4,730	5,338
1891,	5,347	4,905	5,448	4,812	5,002	5,119	5,585	5,581	5,388	5,251	5,232	5,334
1892,	5,426	5,043	5,438	5,220	5,342	5,129	5,895	5,833	5,590	5,330	5,576	5,990
1893,	5,611	5,107	5,549	5,391	5,163	5,457	6,095	6,173	5,638	5,716	5,519	5,767
1894,	5,500	4,978	5,681	5,529	5,472	5,506	5,999	5,794	5,458	5,530	5,579	5,907
1895,	5,803	5,269	5,441	5,033	5,467	5,466	5,927	6,034	5,846	5,891	5,461	5,903
1896,	5,852	5,543	6,016	5,992	5,952	5,840	6,229	6,551	6,206	6,123	5,943	6,176
1897,	6,265	5,634	6,388	5,705	5,665	5,693	6,356	6,708	6,238	6,330	6,915	6,208
1898,	6,081	5,878	6,345	5,701	5,987	6,021	6,267	6,475	6,102	6,169	5,905	6,179
1899,	6,087	5,417	6,072	5,423	5,497	5,563	6,169	6,351	6,009	5,851	5,833	6,165
1900,	6,248	5,690	6,402	5,588	6,005	6,099	6,530	6,736	6,163	6,265	5,883	5,777
1901,	5,894	5,690	6,317	5,706	5,733	5,775	6,305	6,446	6,316	5,943	5,871	5,890
1902,	6,117	5,604	6,248	5,502	5,721	5,807	6,376	6,459	6,127	6,139	5,930	6,189
1903,	6,389	5,691	6,431	5,965	5,975	5,947	6,447	6,561	6,243	5,998	5,831	6,106
1904,	6,368	6,111	6,468	6,125	6,324	6,209	6,319	6,631	6,317	6,168	5,866	6,108
1905,	6,302	5,299	6,546	6,052	6,148	6,131	6,710	6,624	6,404	6,147	5,866	6,293
1906,	6,544	6,002	6,768	6,281	6,364	6,727	7,095	7,111	6,956	6,852	6,671	6,866
1907,	7,118	6,484	7,411	6,952	6,737	6,977	7,398	7,485	7,204	6,838	6,917	7,480
1908,	7,440	6,989	7,793	6,940	7,414	7,214	7,525	7,493	7,081	6,882	7,009	7,131
1909,	7,175	6,537	7,256	6,556	6,826	6,881	7,156	7,290	7,179	7,122	7,018	7,043
Average,	6,126	5,618	6,245	5,743	5,877	6,060	5,075	5,656	6,482	6,056	5,661	6,742
Quarters,	17,989			17,683			17,513			17,959		
Half years,	35,672						35,472					

Table 11 exhibits for a period of twenty years, 1890–1909, the living births by months, quarters and periods of six months. The highest average number of births occurred in the month of September, and the lowest number in July.

TABLE 12. — *Births. — Ratio of Males to Females. — Ten Years.*

		1908.	1909.	Previous Ten Years. 1900-1909.
Born alive, . . .	{ Males, . . .	44,796	43,339	400,054
	{ Females, . . .	42,090	40,679	377,729
	{ Not stated, . . .	25	21	46
Males to 100 females, . . .		106.4	106.1	105.9
Still-born, . . .	{ Males, . . .	1,863	1,834	—
	{ Females, . . .	1,278	1,219	—
	{ Not stated, . . .	38	49	—
Males to 100 females, . . .		145.7	150.5	—

An experience of more than a quarter of a century has convinced the editor that the statistics as to still-births are quite unreliable, and the ten-year compilation is omitted.

In Table 12 are presented the statistics in regard to the sex of children born alive, which appear to show that the ratio of males to females, exclusive of the cases where the sex was not stated, was in 1909, 106.5, as compared with 106.4 in 1908, 104.7 in 1907, 105.6 in 1906, and 105.9 for the ten-year period 1900-1909. From the same table it appears that the ratio of males to females among the still-born in 1909 was 150.5, as compared with 145.7 in 1908.

In Table 13 are presented the statistics relative to the parentage of children born alive in Massachusetts in 1909, together with those relating to plural births.

The excess of children born of foreign parents over those of native parentage in 1909 was 16,071, which was less by 814 than the number of the same class in 1908.

The number of children born of mixed parentage was in 1909 14,758, which was less by 1,076 than the number of this class in 1908.

There was an increase in the number of children born of mixed parentage in 1909 over the number of this class in 1908 in Barnstable, Franklin and Nantucket counties and a decrease in all the other counties.

TABLE 13. — *Parentage of the Children born Alive in the Several Counties of Massachusetts during the Year 1909.*

	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aggregates,	84,039	546	2,404	11,009	67	10,318	1,005	6,260	1,510	15,297	54	3,772	2,989	19,091	9,717
Both parents native-born,	26,525	282	1,113	2,357	34	3,274	513	1,927	544	5,336	35	1,447	1,310	5,234	3,119
Both parents foreign-born,	42,96	155	901	6,771	19	5,099	318	3,354	736	6,930	6	1,629	1,126	10,764	4,788
Native-born father and foreign-born mother,	7,524	49	193	888	9	1,014	91	455	107	1,597	10	387	273	1,556	895
Foreign-born father and native-born mother,	7,261	59	193	988	5	917	82	514	120	1,400	3	304	268	1,507	901
Not stated,	133	1	4	5	—	14	1	10	3	34	—	5	12	30	14

Plurality Cases (included above), showing Sex.

Totals,	1,774	12	56	170	4	177	20	159	40	314	—	99	50	451	222
Males,	899	9	26	85	2	93	9	83	17	179	—	46	31	204	124
Females,	875	3	30	85	2	84	11	76	23	144	—	53	19	247	98

In Table 14 the percentages of native and foreign-born children are given for the series of years, 1890–1909, by which it appears that the percentage of native-born children has decreased with considerable uniformity during the twenty-year period, and it is also true, as shown by examination of previous reports, if a longer period of years is taken into account.

The percentage of children of foreign-born parents, as demonstrated by statistics of former reports, was greater in 1909 than that of any year of the twenty-year period.

The percentage of children born of mixed parentage was less than that of any year during the twenty-year period.

TABLE 14. — *Percentage¹ of Native and Foreign Living Births in 1909, and in Each of the Previous Nineteen Years.*

YEARS.	PARENTS.			Births with Parentage not reported.
	Native-born.	Foreign-born.	One Foreign-born.	
1890,	34.82	44.10	21.08	272
1891,	34.03	44.84	21.13	352
1892,	33.34	45.73	20.93	443
1893,	32.57	47.00	20.43	287
1894,	32.58	46.51	20.91	270
1895,	32.45	46.98	20.57	219
1896,	31.65	47.49	20.86	263
1897,	32.60	48.30	19.10	207
1898,	32.48	48.43	19.09	276
1899,	31.90	48.74	19.36	206
1900,	31.45	49.30	19.25	238
1901,	31.39	49.31	19.30	243
1902,	31.45	49.04	19.24	199
1903,	31.18	49.39	19.26	123
1904,	31.15	49.39	19.29	129
1905,	31.70	49.43	18.69	131
1906,	32.81	49.16	18.56	144
1907,	31.28	50.46	18.05	112
1908,	31.08	50.51	18.25	133
1909,	31.56	50.69	17.59	133

¹ Excluding births with parentage not reported.

TABLE 15. — *Number of Births during Each of the Thirty Years 1880-1909, exhibiting the Sex and Parentage.*

	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.
Totals,	44,217	45,220	45,670	47,285	48,615	48,790	50,788	53,174	54,893	57,075
Males,	22,667	23,014	23,281	24,388	24,941	25,053	25,959	27,245	28,156	29,017
Females,	21,396	22,069	22,292	22,875	23,658	23,716	24,822	25,915	26,726	28,042
Unknown,	154	137	97	22	16	21	7	14	11	16
PARENTAGE.										
Native,	18,130	18,218	18,565	18,412	18,734	18,822	19,531	20,207	20,078	20,260
Foreign,	17,651	18,169	18,012	19,188	19,750	19,733	20,758	22,781	22,990	24,760
Native father and foreign mother,	3,141	3,267	3,462	3,771	4,058	4,295	4,518	4,853	5,771	5,913
Foreign father and native mother,	4,044	4,119	4,150	4,398	4,613	4,577	4,781	5,025	5,784	5,850
Not stated,	1,251	1,447	1,481	1,516	1,460	1,363	1,200	308	270	292

	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
Totals,	57,777	63,004	65,824	67,192	66,936	67,545	72,343	73,205	73,110	70,457
Males,	29,521	32,532	33,758	34,328	34,338	34,623	37,186	37,689	37,389	36,199
Females,	28,227	30,434	31,951	32,829	32,575	32,905	35,114	35,489	35,694	34,258
Unknown,	26	38	115	35	23	17	43	27	27	—
PARENTAGE.										
Native,	20,023	21,325	21,800	21,788	21,718	21,851	22,810	23,824	23,656	22,409
Foreign,	25,361	28,097	29,895	31,448	31,008	31,628	34,237	35,256	35,273	34,238
Native father and foreign mother,	6,160	6,685	6,919	7,003	7,107	7,026	7,792	7,152	7,308	7,139
Foreign father and native mother,	5,961	6,545	6,767	6,666	6,833	6,821	7,241	6,766	6,597	6,465
Not stated,	272	352	443	287	270	219	263	207	276	206

TABLE 15. — *Number of Births, etc. — Concluded.*

	1900.	1901	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.
Totals,	73,386	71,976	72,219	73,584	75,014	75,022	80,237	85,001	86,911	84,039
Males,	37,772	37,004	37,057	38,210	38,689	38,484	41,217	43,486	44,796	43,339
Females,	35,614	34,972	35,162	35,374	36,325	36,538	39,020	41,515	42,090	40,679
Unknown,	—	—	—	—	—	—	—	—	25	21
PARENTAGE.										
Native,	23,006	22,516	22,710	22,941	23,365	23,785	25,748	26,561	27,016	26,525
Foreign,	36,062	35,370	35,413	36,346	37,047	37,085	39,446	43,004	43,901	42,596
Native father and foreign mother,	7,300	7,188	7,295	7,440	7,541	7,191	7,704	7,824	8,063	7,524
Foreign father and native mother,	6,780	6,659	6,602	6,734	6,932	6,830	7,195	7,500	7,798	7,261
Not stated,	238	243	199	123	129	131	144	112	133	133

In Table 15 are given the statistics of the number of male and female births for a period of thirty years. It is observable that in each year the male births predominate. This is a general rule, and obtains in European countries as in the United States. The greater mortality among males *more* than offsets the numerical preponderance of births of the males, and results in a tendency to an increasing number of females. This is clearly shown by Dr. A. Newsholme in the English Life Table, 1881-1890.

English Life Table, 1881-1890.

AGE.	BORN AND SURVIVING AT EACH AGE.	
	Males.	Females.
0,	509,180	490,820
1,	427,184	426,461
2,	402,706	403,980
3,	393,110	394,689
4,	387,062	388,716
5,	382,646	384,492

“Thus, although at birth the million infants comprise an excess of males, before the end of the second year of life the balance is more than restored, females being in excess.”

In Massachusetts the ratio of females to 1,000 males of the population in the census year 1905 was 1,055.

Plural Births. — In 1909, 1,774 children were born of 889 mothers, 1,762 being twins and 12 triplets. The number of children of plural births is greater than that of any other year during the twenty-year period, except 1907 and 1908.

TABLE 16. — *Plural Births. — Twenty Years, 1890–1909.*

YEARS.	Cases of Twins.	Cases of Triplets.	No. of Living Births to One Case of Twins.	No. of Living Births to One Case of Triplets.
1890,	502	4	115	14,444
1891,	618	7	102	9,000
1892,	572	8	115	8,228
1893,	610	9	110	7,466
1894,	646	8	103	8,367
1895,	736	9	92	7,505
1896,	719	10	100	7,234
1897,	768	3	95	24,402
1898,	706	3	104	24,370
1899,	756	9	93	7,828
1900,	814	4	89	18,346
1901,	726	9	99	7,997
1902,	728	7	99	10,317
1903,	850	11	87	6,689
1904,	834	4	90	18,753
1905,	803	14	93	6,252
1906,	878	10	91	8,024
1907,	928	10	93	8,500
1908,	965	6	90	14,485
1909,	885	4	103	21,010
Totals,	14,567	149	1,953	239,217
Averages,	728	8	98	11,961

In Table 16 are presented data in regard to plural births for twenty years (1890–1909), showing the number of cases of twins and of triplets, with the ratio of living births to one case of twins, and also the number of living births to one case of triplets.

The tables relating to illegitimate births are omitted, for the reason previously stated.

MARRIAGES.

The number of marriages registered in Massachusetts in 1909 was 29,002, which was 1,931 more than the number registered in 1908 but 2,053 less than that of 1907, and was 652 less than that of 1906, but greater than that of any previous year since the beginning of registration with those exceptions. The number of persons married for each 1,000 of the estimated population was 18.29, and the number of marriages to each 1,000 was 9.15.

There was 1 person married to every 54.7 of the population, as compared with 1 in each 57.8 in 1908, 50.0 in 1907, 51.3 in 1906, 55.3 in 1905, and 60.1 in 1904.

TABLE 17. — *Marriage-rates. — Fifty-nine Years, 1851-1909.*

YEARS.	Marriages.	Persons Married to 1,000 Living.	Number Living to One Marriage.	YEARS.	Marriages.	Persons Married to 1,000 Living.	Number Living to One Marriage.
1851, . .	11,966	23.44	85	1881, . .	16,768	18.49	108
1852, . .	11,578	22.11	90	1882, . .	17,684	19.17	104
1853, . .	12,828	23.86	84	1883, . .	18,194	19.39	103
1854, . .	13,683	24.80	80	1884, . .	17,333	18.15	110
1855, . .	12,329	21.06	92	1885, . .	17,052	17.56	114
1856, . .	12,265	21.30	94	1886, . .	18,018	18.03	111
1857, . .	11,739	20.05	100	1887, . .	19,533	19.00	105
1858, . .	10,527	17.68	113	1888, . .	19,739	18.19	106
1859, . .	11,475	18.96	105	1889, . .	20,397	18.75	107
1860, . .	12,404	20.15	99	1890, . .	20,838	18.60	107
1861, . .	10,972	17.72	113	1891, . .	21,675	18.94	106
1862, . .	11,014	17.68	113	1892, . .	22,507	19.24	104
1863, . .	10,873	17.36	115	1893, . .	22,814	19.07	105
1864, . .	12,513	19.87	100	1894, . .	20,619	16.86	108
1865, . .	13,051	20.60	97	1895, . .	23,102	18.48	108
1866, . .	14,428	22.15	90	1896, . .	23,651	18.09	108
1867, . .	14,451	21.56	93	1897, . .	23,038	17.57	113
1868, . .	13,856	20.11	99	1898, . .	22,142	16.53	121
1869, . .	14,826	20.92	96	1899, . .	23,523	17.16	116
1870, . .	14,721	20.20	99	1900, . .	24,342	17.35	111
1871, . .	15,746	21.07	96	1901, . .	24,891	17.34	115
1872, . .	16,142	21.06	95	1902, . .	25,685	17.48	114
1873, . .	16,437	20.92	96	1903, . .	26,940	17.90	112
1874, . .	15,564	19.32	103	1904, . .	25,993	16.90	120
1875, . .	13,663	16.34	121	1905, . .	27,184	18.10	111
1876, . .	12,749	15.20	132	1906, . .	29,654	19.48	103
1877, . .	12,758	14.98	133	1907, . .	31,055	20.12	99
1878, . .	12,893	14.91	134	1908, . .	27,071	17.30	115
1879, . .	13,802	15.71	127	1909, . .	29,002	18.29	109
1880, . .	15,538	17.43	115				

In Table 17 are presented the number of marriages, persons married in each 1,000 of the population, and the number living to one marriage for the period of fifty-nine years (1851-1909).

The marriage-rate for 1909, as calculated from the number of the estimated population, was 0.26 greater than the average rate for the decade 1900-1909, and the number of persons married was greater than in any year since 1850, except 1906 and 1907.

Table 18 presents the number of marriages in each county for each year in the period of ten years 1900-1909, together with the marriage-rates (number of marriages to each 1,000 living) for the census years 1885, 1890, 1895, 1900 and 1905.

TABLE 18. — *Marriages by Counties, 1900–1909, and Marriages to 1,000 Living, 1885, 1890, 1895, 1900, 1905.*

	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1885.	1890.	1895.	1900.	1905.
THE STATE,	24,342	24,891	25,685	26,940	25,993	27,184	29,654	31,055	27,071	29,002	8,78	9,31	9,24	8,68	9,05
Barnstable,	192	203	185	220	199	207	175	186	184	191	9,34	8,39	7,49	6,90	7,72
Berkshire,	680	718	769	790	674	726	718	784	809	867	7,30	7,56	7,44	7,11	7,38
Bristol,	2,512	2,586	2,757	2,946	2,571	2,813	3,110	3,296	2,843	3,092	9,12	10,11	9,98	9,97	10,45
Dukes,	25	24	23	30	34	36	30	27	28	28	11,85	9,27	8,97	5,48	7,82
Essex,	3,007	3,124	3,161	3,254	3,232	3,439	3,961	4,098	3,380	3,792	9,21	9,24	9,16	8,42	9,03
Franklin,	316	320	310	313	352	349	348	344	346	300	7,53	7,38	6,92	7,67	8,05
Hampden,	1,580	1,541	1,747	1,723	1,644	1,770	1,939	2,261	1,917	2,187	9,24	8,82	9,39	9,00	9,02
Hampshire,	456	459	452	469	459	488	582	572	541	538	7,38	8,13	8,35	7,75	7,68
Middlesex,	4,446	4,453	4,667	4,645	4,655	4,830	5,257	5,350	4,613	4,908	8,55	8,90	8,59	7,86	7,95
Nantucket,	16	16	18	9	21	17	18	12	21	31	5,72	5,50	8,29	5,32	5,79
Norfolk,	982	994	1,093	1,169	1,122	1,151	1,231	1,285	1,096	1,244	6,94	7,88	6,73	6,48	6,88
Plymouth,	833	846	943	958	932	1,023	1,106	1,115	998	1,026	7,98	8,66	7,31	7,31	7,99
Suffolk,	6,462	6,751	6,613	7,111	7,219	7,285	7,975	8,337	7,474	7,625	10,18	10,92	11,72	10,57	11,17
Worcester,	2,835	2,856	2,947	3,203	2,879	3,050	3,204	3,388	2,821	3,173	7,65	8,85	8,31	8,17	8,41

TABLE 19. — *Marriages and Marriage-rates, by Months and Quarters, 1908 and 1909.*

MONTHS.	Marriages registered in Each Month.		Marriages registered in Each Quarter.		Monthly Percentage of Marriages.		Quarterly Percentage of Marriages.	
	1908.	1909.	1908.	1909.	1908.	1909.	1908.	1909.
January, . . .	2,054	1,993	5,516	5,251	7.59	6.87	20.38	18.15
February, . . .	2,042	2,182			7.54	7.52		
March, . . .	1,420	1,076			5.25	3.71		
April, . . .	1,878	2,363	7,303	8,369	6.94	8.15	26.98	28.84
May, . . .	1,738	2,019			6.42	6.97		
June, . . .	3,687	3,987			13.62	13.75		
July, . . .	1,899	2,047	6,686	7,233	7.01	7.06	24.69	24.93
August, . . .	2,008	2,207			7.41	7.61		
September, . . .	2,779	2,979			10.27	10.27		
October, . . .	3,064	3,328	7,566	8,149	11.32	11.47	27.95	28.08
November, . . .	2,850	3,153			10.53	10.87		
December, . . .	1,652	1,668			6.10	5.75		
The four quarters, .	27,071	29,002	27,071	29,002	100.00	100.00	100.00	100.00

TABLE 20. — *Marriages given Quarterly for Ten Years, 1900-1909.*

YEARS.	1ST QUARTER.		2D QUARTER.		3D QUARTER.		4TH QUARTER.	
	Nos.	Percent-ages.	Nos.	Percent-ages.	Nos.	Percent-ages.	Nos.	Percent-ages.
1900, . . .	4,725	19.41	6,784	27.87	5,498	22.59	7,335	30.13
1901, . . .	4,536	18.22	7,101	28.53	5,913	23.76	7,341	29.49
1902, . . .	4,652	18.11	7,555	29.42	6,052	23.56	7,426	28.91
1903, . . .	4,851	18.01	8,091	30.03	6,377	23.67	7,621	28.29
1904, . . .	4,498	17.31	7,926	30.49	6,175	23.75	7,394	28.45
1905, . . .	4,931	18.14	7,598	27.86	6,547	24.17	8,108	29.83
1906, . . .	5,324	17.96	8,463	28.54	7,266	24.50	8,601	29.00
1907, . . .	5,445	17.53	9,123	29.39	7,965	25.66	8,522	27.42
1908, . . .	5,516	20.38	7,303	26.98	6,686	24.69	7,566	27.95
1909, . . .	5,251	18.15	8,369	28.84	7,233	24.93	8,149	28.08
Average, . . .	4,973	18.42	7,831	28.72	6,465	24.13	6,406	28.76

TABLE 21.¹—Ages at Marriage of 29,002 Men and of 29,002 Women in 1909.

	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.	Unknown.
Men,	685	10,462	8,821	4,060	2,143	1,096	668	429	251	178	123	55	29	4	—
Women,	5,065	12,134	6,268	2,633	1,421	669	378	208	120	59	32	9	5	1	—
<i>Ages at Marriage of 25,640 Bachelors and of 26,367 Maids.</i>															
Bachelors,	685	10,394	8,529	3,539	1,540	537	244	108	34	17	7	2	4	—	—
Maids,	5,053	11,948	5,840	2,127	894	297	133	45	17	10	3	—	—	—	—
<i>Ages at Marriage of 3,362 Widowers and of 2,635 Widows.</i>															
Widowers,	—	68	292	521	603	559	424	321	217	161	116	51	25	4	—
Widows,	12	186	428	506	527	372	245	163	103	49	29	9	5	1	—

The approximate average age of 29,002 men married in 1909 was 29.04
 " " " 29,002 women married in 1909 was 25.83
 " " " 25,640 men marrying for the first time in 1909 was 27.34
 " " " 26,367 women marrying for the first time in 1909 was 24.60

¹ Calculated close to the median.

In Table 21 is presented a summary of the number of persons married at different ages. These are classified by sexes, and by their conjugal condition before marriage. The approximate average age of each class is also given.

The number of men married in 1909 under twenty years of age was 2.4 per cent. of the whole number of men married whose ages were known, which was 0.1 greater than the percentage in 1908 and 1907, 0.6 greater than the percentage of 1905 and 1904, 0.7 greater than the percentage in 1903, and greater by 0.3 than the percentage of the same class in 1901 and 1900; and the number of women married who were under twenty years of age was 17.46 of the whole number married whose ages were known, as compared with 17.02 in 1908, 17.16 in 1907, 16.80 in 1906, 16.25 in 1905, and 15.15 in 1904.

The number of men who were married between the ages of twenty and twenty-five was 36.1 per cent. of the whole number, and the number of women married at the same age was 41.8 per cent., as compared with 36.0 per cent. for the men and 43.5 per cent. for the women in 1908. The number of men who married between twenty-five and thirty was 30.41 per cent. of the whole number, and the number of women was 21.61 per cent. of the whole number, as compared with 30.49 per cent. for men and 21.46 per cent. for women in 1908.

One thousand and sixty-nine men and 434 women married after having attained the age of fifty years; 33 men were over seventy-five years of age at the time of marriage and 4 men and 1 woman were over eighty.

TABLE 22. — *Average Ages at Marriage, 1880-1909.*

YEARS.	Average Age of All Bridegrooms.	Average Age of All Brides.	Average Age of Men marrying for the First Time.	Average Age of Women marrying for the First Time.
1880,	28.9	25.1	26.5	23.8
1881,	28.8	25.1	26.5	23.9
1882,	29.2	25.4	26.5	23.9
1883,	28.8	25.3	26.6	23.4
1884,	29.1	25.1	26.6	24.1
1885,	29.2	25.3	26.8	24.2
1886,	28.9	25.3	26.9	24.2
1887,	29.0	25.5	26.8	24.4
1888,	28.9	25.5	26.8	24.4
1889,	29.1	25.8	26.9	24.5

TABLE 22. — *Average Ages at Marriage, 1880-1909* — Concluded.

YEARS.	Average Age of All Bridegrooms.	Average Age of All Brides.	Average Age of Men marrying for the First Time.	Average Age of Women marrying for the First Time.
1890,	28.8	25.5	27.2	24.3
1891,	28.6	25.4	26.8	24.2
1892,	28.8	25.4	26.7	24.3
1893,	28.8	25.5	26.9	24.4
1894,	29.1	25.0	26.9	23.7
1895,	28.9	23.2	26.7	24.2
1896,	29.1	25.6	27.1	24.4
1897,	29.1	24.8	27.1	24.5
1898,	29.2	25.7	27.4	24.4
1899,	29.2	25.6	27.3	24.3
1900,	28.9	25.8	27.4	24.5
1901,	29.2	25.8	27.3	24.6
1902,	29.2	25.8	27.2	24.5
1903,	29.3	25.8	27.5	24.7
1904,	29.3	25.8	27.4	24.6
1905,	28.7	25.7	27.3	24.5
1906,	28.8	23.7	27.1	24.3
1907,	28.8	25.2	27.1	23.3
1908,	29.1	25.9	27.2	24.6
1909,	29.0	25.8	27.3	24.6

In Table 22 are presented the average ages at marriage of all persons of both sexes for a period of thirty years, and of persons married for the first time for the same period. The average age of both men and women marrying for the first time in 1909 was practically the same as that of the previous year.

TABLE 23. — *Persons Married who were less than Twenty Years Old.*

AGES.	NUMBERS.	
	Males.	Females.
12 years,	—	—
13 years,	—	—
14 years,	—	4
15 years,	—	48
16 years,	6	233
17 years,	38	633
18 years,	197	1,832
19 years,	444	2,315
Totals,	685	5,065

TABLE 24. — *Conjugal Condition of Persons Married, 1909.*

GROOMS.	Whole Number of Marriages.	BRIDES.				
		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Fifth Marriage.
Whole number, . . .	29,002	26,367	2,504	127	4	—
First marriage, . . .	25,640	24,315	1,287	38	—	—
Second marriage, . . .	3,135	1,940	1,120	71	4	—
Third marriage, . . .	209	105	87	17	—	—
Fourth marriage, . . .	17	7	9	1	—	—
Fifth marriage, . . .	1	—	1	—	—	—

In Table 24 is given a statement of the number of persons who were married in 1909 with reference to their conjugal condition. The essential data of this table have already been commented on, and repetition is deemed unnecessary.

TABLE 25. — *Marriages according to Nativity. — Percentages for Twenty Years, 1890-1909.*

YEARS.	Both Parties Native born.	Both Parties Foreign born.	Native-Born Groom and Foreign-born Bride.	Foreign-born Groom and Native-born Bride.	Not stated.
1890,	46.11	31.50	11.97	10.35	.01
1891,	45.87	32.37	11.58	10.15	.04
1892,	44.57	33.98	11.37	10.08	—
1893,	43.96	34.49	11.55	9.97	.03
1894,	44.44	33.64	11.68	10.24	—
1895,	44.55	33.29	11.79	10.36	.01
1896,	43.97	33.48	11.97	10.55	.03
1897,	43.63	33.88	12.08	10.38	.03
1898,	43.58	33.32	12.31	10.77	.02
1899,	43.79	32.87	12.53	10.79	.02
1900,	43.94	33.22	12.07	10.77	—
1901,	43.56	32.92	12.75	10.77	—
1902,	43.74	33.04	12.33	10.89	—
1903,	43.45	34.59	11.63	10.32	—
1904,	43.68	34.05	11.54	10.73	—
1905,	43.95	34.24	11.24	10.57	—
1906,	43.58	34.62	11.28	10.52	—
1907,	42.44	36.96	10.69	9.91	.10
1908,	42.89	36.65	10.87	9.59	—
1909,	43.10	35.81	10.50	10.59	—

In Table 25 are presented the percentages for a period of twenty years, 1890-1909, of marriages with reference to the nativity of groom and bride. By this table it appears that there has been in the percentages of the native born a pretty general decrease since 1905. The percentages of the foreign born, on the other hand, show a general increase, and with a few exceptions varied inversely with the former. In the class of marriages of persons of mixed parentage there has been an increase with considerable uniformity up to 1903; since then there has been a gradual decrease in the percentage, and there was a smaller number of marriages of this class in 1909.

TABLE 26.¹ — *Marriage-rates per 10,000 of Population.*

	Marriage-rates per 10,000 of Population.		Marriage-rates per 10,000 of Population.
Massachusetts, 1909, .	91	Switzerland, 1906, . .	78
Hungary, 1906, . .	87	United Kingdom, 1906, .	74
Germany, 1906, . .	82	Belgium, 1906, . . .	81
Austria, 1906, . .	79	Russia, 1901,	86
Italy, 1906, . . .	78	Norway, 1906, . . .	59
France, 1906, . .	78	Sweden, 1906, . . .	61
Holland, 1906, . .	74	Spain, 1906,	71

¹ Annuaire Statistique de Belgique, 1908.

In Table 26 are presented the latest marriage-rates available of various foreign countries compared with that of Massachusetts.

TABLE 26A.¹ — *Supplemental Table of Marriage-rates (Persons married) for a Period of Seven Years, compared with the State of Massachusetts, 1899-1905.*

CITIES.	Population.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
London,	4,684,794	18.4	17.6	17.6	17.5	17.4	17.0	16.9 .
New York,	4,024,780	17.2	18.7	18.9	19.9	19.9	20.6	21.2
Paris,	2,722,731	18.7	19.6	20.4	19.3	19.0	19.4	19.9
Berlin,	2,019,043	21.9	22.3	21.0	20.1	20.9	21.5	22.1
Vienna,	1,897,630	20.0	19.5	18.8	18.8	18.4	18.7	18.1
St. Petersburg,	1,410,000	11.2	11.0	10.4	9.2	—	12.3	12.0
Moscow,	1,092,360	—	—	—	—	11.1	10.3	10.6
Osaka (Japan),	1,026,767	9.5	12.3	12.8	13.1	11.0	13.4	—
Buenos Ayres,	1,002,444	15.5	16.4	15.4	16.0	15.1	16.2	16.7
Rio de Janeiro,	905,000	6.1	6.1	6.0	6.9	7.4	8.9	7.2
Glasgow,	809,986	20.3	20.2	18.5	18.8	18.3	18.0	17.2
Hamburg,	791,462	17.7	17.2	17.1	16.8	15.7	17.7	18.3
Brussels,	598,467	21.2	21.0	21.2	21.8	20.2	21.1	20.7
Napoli,	574,675	12.4	13.1	12.6	13.6	14.5	14.3	14.6
Madrid,	568,835	16.1	16.8	16.8	17.9	16.0	15.5	14.6
Amsterdam,	554,514	15.1	15.3	15.7	15.5	15.1	14.6	15.3
Milan,	536,554	13.9	15.2	14.3	14.9	14.8	15.2	15.3
Marseilles,	512,361	13.9	14.0	13.9	13.6	14.2	12.9	14.1
Copenhagen,	425,000	16.5	17.6	15.9	16.3	16.2	16.3	16.5
Massachusetts (State),	3,003,680	17.2	17.3	17.5	17.8	18.4	17.5	18.1

¹ Latest foreign statistics available. Bureau Municipal de Statistique d'Amsterdam.

DIVORCES.

The causes for which divorce from the bonds of matrimony may be granted in Massachusetts, as set forth in the Revised Laws, are as follows:—

1. Adultery.
2. Impotency.
3. Sentence to imprisonment at hard labor for five years or more.
4. Desertion for three consecutive years next prior to the filing of the libel.
5. Separation without consent, and union with a religious sect or society holding the relation of husband and wife unlawful.
6. Extreme cruelty.
7. Gross and confirmed habits of intoxication.
8. Cruel and abusive treatment.
9. Neglect to provide.
10. Gross and confirmed drunkenness from opium or other drugs.

A marriage may be declared void in consequence of violation of the provisions of the laws concerning marriage; that is, a separation may be granted because of the demonstration of conditions obtaining at the time of, or previous to, the alleged marriage which show that there never was a legal marriage. It appears that no separation for such cause was decreed till 1886, when one such divorce was granted to a male in Worcester County.

For more than a quarter of a century no divorces have been granted on the ground of union with a religious sect holding the relation of husband and wife unlawful.

The causes for which divorces were granted in Massachusetts in 1909 were as follows:—

- | | |
|---------------------------------|-------------------------|
| 1. Adultery. | 6. Impotency. |
| 2. Cruel and abusive treatment. | 7. Intoxication. |
| 3. Desertion. | 8. Neglect to provide. |
| 4. Extreme cruelty. | 9. Nullity of marriage. |
| 5. Imprisonment. | |

It appears that in the year 1909 the whole number of divorces granted was 1,739, which is 27 less than the whole number granted in the year 1908, and 193 less than the number granted in 1907;

and it further appears, by reference to former reports, that the total number of divorces granted in 1909 is greater by 422 than the average number granted in the twenty-year period 1890–1909.

Causes. — Of the whole number of divorces granted in 1909, 246 or 14.15 per cent., were granted on the ground of adultery, as compared with 14.66 per cent. in 1908, 15.69 per cent. in 1907, 16.61 per cent. in 1906, and 15.77 per cent. in 1905; while for the twenty-year period 1890–1909 the average percentage was 17.66. The percentage of divorces granted on the ground of desertion (total 782) was in 1909 44.97, in 1908 46.15, in 1907 44.46, and in 1906 45.77, while for the twenty-year period it was 46.29. Although refusal to cohabit is mentioned in the statutes as a cause for divorce, it must be accompanied with alliance with a religious sect holding the relation of husband and wife unlawful. The single case of libel brought on the ground of refusal to cohabit alleged that this refusal was cruelty; but the court held that it was not the kind of cruelty on which a divorce could be granted, and, as previously stated, there is no case reported where the ground alleged was alliance with a religious sect holding the marital relation unlawful.

On pages 174–188 may be found the statistics relating to divorce in Massachusetts for the period of twenty years ending with 1909. The number for each county is specified for each year of the period, the sexes in favor of which they were granted and the causes for which they were granted.

During the period embraced in the tables (1890–1909) 26,323 divorces were granted.

Sex. — Of the whole number granted in the twenty-year period, 70.99 per cent. were granted on complaint of the wife.

Of the divorces granted on the ground of adultery, 48.80 per cent. were decreed to the wife; of those on account of desertion, 63.23 per cent.; of those on account of intoxication, 84.12 per cent.; of those on account of extreme cruelty, 97.31 per cent.; and of those on account of cruel and abusive treatment 96.88 per cent.

Counties. — The percentages of divorce granted on account of adultery, as compared with the total number decreed in each county, are as follows for the twenty years ending in 1909, beginning with the county having the highest percentage: —

Bristol,	22.1	Hampden,	15.4
Suffolk,	19.5	Worcester,	15.0
Barnstable,	18.9	Berkshire,	14.8
Middlesex,	18.0	Norfolk,	14.6
Essex,	17.2	Hampshire,	14.4
Franklin,	16.3	Dukes and Nantucket,	9.9
Plymouth,	16.3		

For desertion the percentages are as follows:—

Barnstable,	54.7	Hampden,	46.2
Essex,	50.2	Worcester,	46.0
Norfolk,	50.0	Suffolk,	44.7
Middlesex,	48.3	Plymouth,	44.0
Berkshire,	48.2	Dukes and Nantucket,	42.6
Franklin,	47.5	Bristol,	39.1
Hampshire,	46.5		

For intoxication the percentages are as follows:—

Hampden,	17.3	Suffolk,	12.5
Hampshire,	16.5	Essex,	11.9
Berkshire,	15.9	Middlesex,	11.6
Worcester,	14.9	Dukes and Nantucket,	11.5
Bristol,	13.9	Plymouth,	10.6
Norfolk,	13.9	Barnstable,	6.2
Franklin,	12.9		

For cruel and abusive treatment the percentages are as follows:—

Dukes and Nantucket,	26.2	Suffolk,	16.3
Plymouth,	20.6	Berkshire,	16.0
Worcester,	17.7	Franklin,	15.8
Bristol,	17.3	Hampden,	14.2
Norfolk,	16.8	Hampshire,	12.9
Essex,	16.7	Middlesex,	9.9
Barnstable,	16.4		

In Table 27 are presented the ratios of divorces to marriages in each year for the period of twenty years, ending with 1909. The ratio for the entire period was 1 to 17.7.

The highest ratio was in 1904 and 1908, 1 to 15.3, and the lowest, 1 to 31.9, in 1890.

The average marriage-rate for the twenty years (1890–1909) was 18.29 per 1,000 of the population. For the ten years 1890–1900 it

was 23.08, and in the decade 1900–1909 it was 16.75 per 1,000 of the population.

Comparing the same periods with reference to the ratio of divorces to marriages, it appears that there was from 1 to 20.2 in the former period to 1 to 16.7 in the latter.

TABLE 27. — *Ratio of Divorces to Marriages. — Twenty Years, 1890–1909.*

YEARS.	Number of Marriages.	Marriage-rates per 1,000.	Number of Divorces.	Ratio of Divorces to Marriages.
1890,	20,838	18.60	654	1 to 31.9
1891,	21,675	18.94	799	1 to 27.1
1892,	22,507	19.24	790	1 to 28.5
1893,	22,814	19.07	1,045	1 to 21.8
1894,	20,619	16.86	1,108	1 to 18.6
1895,	23,102	18.48	954	1 to 24.2
1896,	23,651	18.09	1,230	1 to 19.2
1897,	23,038	17.57	1,124	1 to 20.6
1898,	22,142	16.53	1,182	1 to 18.7
1899,	23,523	17.16	1,163	1 to 20.2
1900,	24,342	17.35	1,258	1 to 19.3
1901,	24,891	17.34	1,376	1 to 18.1
1902,	25,685	17.48	1,479	1 to 17.4
1903,	26,940	17.90	1,720	1 to 15.1
1904,	25,993	16.90	1,698	1 to 15.3
1905,	27,184	18.10	1,554	1 to 17.4
1906,	29,654	19.48	1,752	1 to 16.9
1907,	31,055	20.12	1,932	1 to 16.1
1908,	27,071	17.30	1,766	1 to 15.3
1909,	29,002	18.29	1,739	1 to 16.6
Totals and averages, .	496,726	18.03	28,062	1 to 17.7

TABLE 28. — *Ratio of Total Number of Divorces to Total Number of Marriages, by Counties, from Five Principal Causes.*
— Ten Years, 1900–1909.

COUNTIES.	ADULTERY.		DESERTION.		INTOXICATION.		EXTREME CRUELTY.		CRUEL AND ABUSIVE TREATMENT.	
	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.
Barnstable,	21	1 to 96.3	76	1 to 25.5	7	1 to 277.4	2	1 to 971.0	26	1 to 74.7
Berkshire,	75	1 to 100.5	248	1 to 30.4	86	1 to 87.6	6	1 to 1,255.8	80	1 to 94.2
Bristol,	267	1 to 106.9	493	1 to 57.8	163	1 to 175.0	34	1 to 836.1	257	1 to 110.9
Dukes and Nantucket,	5	1 to 92.8	12	1 to 38.7	2	1 to 232.0	1	1 to 464.0	8	1 to 58.0
Essex,	349	1 to 98.6	1,077	1 to 32.1	306	1 to 112.6	15	1 to 2,290.5	409	1 to 84.2
Franklin,	38	1 to 86.8	115	1 to 28.7	35	1 to 94.2	—	1 to 3,298.0	41	1 to 80.4
Hampden,	156	1 to 117.4	475	1 to 38.5	154	1 to 118.9	6	1 to 3,051.5	154	1 to 118.9
Hampshire,	24	1 to 209.0	89	1 to 56.4	37	1 to 135.6	8	1 to 627.0	26	1 to 192.9
Middlesex,	474	1 to 100.9	1,509	1 to 31.7	324	1 to 147.6	222	1 to 215.4	364	1 to 131.4
Norfolk,	78	1 to 45.7	243	1 to 46.7	75	1 to 151.6	3	1 to 3,789.0	104	1 to 109.3
Plymouth,	138	1 to 70.9	355	1 to 70.9	95	1 to 102.9	1	1 to 9,780.0	215	1 to 45.5
Suffolk,	823	1 to 88.5	2,082	1 to 34.9	588	1 to 123.9	33	1 to 2,207.6	888	1 to 82.0
Worcester,	239	1 to 127.0	797	1 to 38.9	248	1 to 122.4	10	1 to 3,035.6	356	1 to 85.3
The State,	2,677	1 to 101.5	7,571	1 to 35.9	2,120	1 to 128.1	341	1 to 796.9	2,928	1 to 91.3

TABLE 29. — Divorces granted, by Years and Statute Causes. — Twenty Years, 1890–1909.

THE STATE.

YEARS.	ADULTERY.		DESERTION.		INTOXICATION.		EXTREME CRUELTY.		CRUEL AND ABUSIVE TREATMENT.		NEGLECT TO PROVIDE.		IM-PRISONMENT.		IMPO-NUITY OF MAR-RIAGE.		TOTALS.										
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.									
1890.	67	69	136	136	199	335	14	74	88	17	17	56	3	56	56	11	11	3	3	1	1	3	4	7	220	434	654
1891.	69	71	140	133	236	389	16	93	109	39	39	91	4	91	94	18	18	2	2	1	1	3	4	5	243	556	799
1892.	86	80	166	132	244	376	21	83	104	18	18	82	4	82	86	29	29	1	1	2	2	3	4	6	246	544	790
1893.	106	113	219	191	307	498	22	118	140	25	26	133	4	133	134	16	16	1	1	1	1	3	3	6	325	720	1,045
1894.	104	117	221	172	339	511	26	128	154	26	26	114	4	114	118	32	32	1	1	1	1	3	7	10	311	797	1,108
1895.	90	93	183	175	298	473	13	88	101	3	64	67	2	88	90	30	30	1	1	1	1	3	4	8	288	666	954
1896.	121	133	254	222	361	583	24	130	154	6	65	118	5	118	124	39	39	1	1	2	2	3	7	15	376	854	1,230
1897.	95	109	204	185	329	514	24	99	123	5	59	61	5	61	66	54	54	3	3	1	1	2	8	15	319	805	1,124
1898.	130	113	243	191	309	500	32	118	150	30	30	7	7	177	184	58	58	5	5	4	4	5	9	335	828	1,163	
1899.	118	101	219	177	355	532	32	143	175	1	57	137	3	137	137	27	27	1	1	1	1	2	2	2	376	882	1,258
1900.	121	108	229	228	369	591	21	131	152	1	31	72	5	72	72	51	51	2	2	2	2	2	4	8	469	1,010	1,479
1901.	159	114	273	270	400	649	34	147	181	7	72	153	3	153	153	50	50	5	5	2	2	6	8	13	464	1,256	1,720
1902.	163	136	299	260	508	768	29	191	220	9	53	188	9	188	191	62	62	5	5	5	5	2	4	9	471	1,227	1,698
1903.	143	147	290	280	521	801	30	163	193	1	6	329	13	329	333	52	52	7	7	1	1	4	3	10	407	1,147	1,554
1904.	120	125	245	255	463	718	14	180	194	3	3	314	10	314	324	49	49	4	4	2	2	5	7	13	471	1,227	1,698
1905.	140	151	291	294	508	802	34	206	240	1	1	322	14	322	336	66	66	6	6	2	2	5	7	13	471	1,227	1,698
1906.	160	143	303	333	526	859	41	256	297	3	64	316	12	316	328	54	54	5	5	2	2	5	7	13	486	1,266	1,752
1907.	146	113	259	292	523	815	37	195	232	3	3	364	15	364	379	53	53	4	4	3	3	5	11	16	556	1,376	1,932
1908.	137	109	246	285	497	782	29	183	212	6	65	342	13	342	355	49	49	8	8	4	4	5	8	15	497	1,269	1,766
1909.	137	109	246	285	497	782	29	183	212	6	65	342	13	342	355	49	49	8	8	4	4	5	8	15	497	1,269	1,766
Totals,	2,394	2,282	4,676	4,480	7,703	12,183	546	2,892	3,438	20	737	3,970	128	3,970	4,098	868	868	2	2	14	14	71	104	7,635	18,688	26,323	

TABLE 30. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890-1909.*

BARNSTABLE COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890.	2	2	4	3	1	4	-	2	2	-	2	-	-	-	-	-	-	-	5	8	13
1891.	1	1	2	4	4	7	-	1	1	-	-	-	-	-	-	-	-	-	4	3	7
1892.	1	1	2	5	7	8	-	1	1	-	-	-	-	-	-	-	-	-	6	4	10
1893.	1	1	2	3	8	6	-	-	-	-	-	-	-	-	-	-	-	-	4	6	10
1894.	1	1	2	3	6	6	-	-	-	-	-	-	-	-	-	-	-	-	3	7	10
1895.	4	1	5	3	3	6	-	-	-	-	-	-	-	-	-	-	-	-	4	4	8
1896.	1	-	1	4	4	4	-	1	1	1	1	1	4	3	3	5	3	3	6	6	12
1897.	3	1	4	6	4	5	-	1	2	1	1	-	-	-	-	-	-	-	7	7	14
1898.	1	2	3	4	4	10	-	2	1	1	1	-	-	-	-	-	-	-	5	5	10
1899.	1	1	2	4	8	6	-	-	-	-	-	-	-	-	-	-	-	-	4	6	10
1900.	1	1	2	3	3	4	-	-	-	-	-	-	-	-	-	-	-	-	5	4	9
1901.	1	1	2	7	5	12	-	-	-	-	-	-	-	-	-	-	-	-	8	3	11
1902.	2	1	3	3	8	6	-	1	1	2	2	-	-	-	-	-	-	-	6	8	14
1903.	-	-	-	5	5	7	-	4	4	-	-	-	-	-	-	-	-	-	5	5	10
1904.	2	1	3	5	7	9	-	1	1	-	-	-	-	-	-	-	-	-	6	6	12
1905.	4	2	6	3	6	5	-	-	-	-	-	-	-	-	-	-	-	-	7	7	14
1906.	1	1	2	5	5	10	-	-	-	-	-	-	-	-	-	-	-	-	6	6	12
1907.	2	1	3	6	5	7	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4
1908.	3	1	4	-	1	7	-	-	-	-	-	-	-	-	-	-	-	-	9	9	18
1909.	3	1	4	3	4	7	-	1	1	-	-	-	-	-	-	-	-	-	7	11	18
Totals,	33	13	46	74	66	140	1	15	16	-	7	3	39	42	-	4	4	112	144	256	

1 One male, nullity of marriage.

TABLE 31. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890-1909.*
BERKSHIRE COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.			
1890.	1	4	4	10	4	14	—	5	5	1	2	3	—	3	1	1	1	—	—	—	—	—	10	18	28		
1891.	—	4	4	7	7	14	—	5	5	2	2	4	—	4	1	1	1	—	—	—	—	—	8	23	31		
1892.	—	2	2	4	6	10	—	5	5	2	2	4	—	4	1	1	1	—	—	—	—	—	4	16	20		
1893.	—	3	6	9	10	19	—	4	4	3	1	8	—	7	1	1	1	—	—	—	—	—	14	25	39		
1894.	—	3	4	7	8	15	—	3	4	—	1	1	—	1	1	1	1	—	—	—	—	—	10	17	27		
1895.	—	3	6	9	10	21	—	4	4	2	2	4	—	4	1	1	1	—	—	—	—	—	14	24	38		
1896.	—	4	2	8	18	26	—	4	4	—	2	2	—	7	1	1	1	—	—	—	—	—	12	32	44		
1897.	—	2	8	7	8	15	1	5	6	1	1	1	—	8	1	—	—	—	—	—	—	—	11	22	33		
1898.	—	4	4	8	8	16	—	8	8	—	1	1	—	10	1	—	—	—	—	—	—	—	11	31	42		
1899.	—	6	2	8	6	14	—	9	9	—	1	1	—	7	1	1	1	—	—	—	—	—	13	28	41		
1900.	—	1	5	6	8	13	1	7	8	—	—	3	—	3	—	1	1	—	—	—	—	—	10	29	39		
1901.	—	2	3	9	6	15	—	6	6	—	—	—	—	6	—	—	3	—	—	—	—	—	10	18	28		
1902.	—	6	11	9	19	28	—	5	5	—	—	—	—	1	—	1	1	—	—	—	—	—	15	38	53		
1903.	—	1	5	4	11	15	—	5	5	—	—	—	—	10	—	1	1	—	—	—	—	—	6	30	36		
1904.	—	8	10	17	22	39	—	12	12	—	—	—	—	13	—	1	1	—	—	—	—	—	25	58	83		
1905.	—	3	4	10	15	25	—	3	3	—	—	—	—	6	—	1	1	—	—	—	—	—	13	26	39		
1906.	—	8	2	8	22	30	—	8	8	—	—	—	—	6	—	3	3	—	—	—	—	—	18	43	61		
1907.	—	4	3	7	12	14	—	12	12	3	2	1	—	2	—	3	3	—	—	—	—	—	17	46	63		
1908.	—	3	5	11	18	29	2	13	15	—	—	—	—	6	—	2	2	—	—	—	—	—	16	41	57		
1909.	—	5	6	9	11	20	1	10	11	—	—	—	—	15	—	1	1	—	—	—	—	—	15	38	53		
Totals.	66	60	126	174	238	412	5	131	136	2	17	19	5	132	137	—	23	23	—	—	—	1	1	252	603	855	

1 One female, nullity of marriage.

TABLE 32. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890-1909.*

BRISTOL COUNTY.

YEARS.	ADULTERY.		DESERTION.		INTOXICA- TION.		EXTREME CRUELTY.		CRUEL AND ABUSIVE TREATMENT.		NEGLECT TO PROVIDE.		IMPRISON- MENT.		IMPOTENCY.		NULLITY OF MARRIAGE.		TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	
1890,	4	14	18	11	12	23	1	7	2	4	1	1	1	1	1	1	1	1	16	34	50
1891,	6	5	11	6	12	18	2	4	1	2	1	1	1	1	1	1	1	1	13	32	45
1892,	9	4	13	7	16	23	1	4	1	4	1	1	1	1	1	1	1	1	18	34	52
1893,	7	8	15	13	15	28	2	1	10	1	4	4	1	1	1	1	1	1	21	47	68
1894,	13	10	23	14	15	29	2	2	10	1	4	4	1	1	1	1	1	1	34	56	90
1895,	6	4	10	7	31	38	2	2	11	1	4	4	1	1	1	1	1	1	18	57	75
1896,	15	10	25	12	19	31	2	2	10	1	4	4	1	1	1	1	1	1	31	59	90
1897,	8	11	19	12	25	37	2	2	13	1	4	4	1	1	1	1	1	1	22	70	92
1898,	15	9	24	6	19	25	1	2	15	1	3	3	1	1	1	1	1	1	31	59	90
1899,	7	11	18	7	31	38	1	4	18	1	4	4	1	1	1	1	1	1	27	61	88
1900,	20	8	28	18	16	34	1	5	16	6	2	2	1	1	1	1	1	1	15	63	78
1901,	9	12	21	15	33	48	2	7	17	17	2	2	1	1	1	1	1	1	39	54	93
1902,	18	9	27	21	30	51	6	3	13	13	5	5	1	1	1	1	2	2	26	72	98
1903,	22	15	37	24	39	63	5	3	33	33	6	6	1	1	1	1	1	1	46	94	140
1904,	17	9	26	24	31	55	3	3	29	29	7	7	1	1	1	2	2	1	48	79	127
1905,	17	8	25	27	29	56	—	—	27	23	2	2	1	1	1	3	3	3	44	82	126
1906,	10	10	20	20	27	47	6	—	23	23	5	5	1	1	1	—	—	—	44	105	142
1907,	18	11	29	23	27	50	3	—	32	33	17	17	1	1	1	—	—	—	37	87	132
1908,	20	8	28	18	27	45	5	—	1	21	7	7	1	1	1	—	—	—	45	105	142
1909,	16	10	26	15	29	46	1	—	29	29	13	13	—	—	—	1	1	2	44	87	131
Totals,	257	186	443	300	483	783	—	34	6	341	347	—	90	4	4	1	3	4	631	1,370	2,001

TABLE 33. — *Divorces granted, by Years and Statute Causes, — Twenty Years, 1890–1909.*

DUKES AND NANTUCKET COUNTIES.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890.	1	1	2
1891.	1	1	2
1892.	1	1	2
1893.	1	1	2
1894.	1	1	2
1895.	1	1	2
1896.	1	1	2
1897.	1	1	2
1898.	1	1	2
1899.	1	1	2
1900.	1	1	2
1901.	1	1	2
1902.	1	1	2
1903.	1	1	2
1904.	1	1	2
1905.	1	1	2
1906.	1	1	2
1907.	1	1	2
1908.	1	1	2
1909.	1	1	2
Totals,	4	2	6	16	10	26	—	7	7	—	4	4	—	16	16	—	2	2	20	41	61

TABLE 34. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890–1909.*

ESSEX COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890,	12	13	25	24	35	59	5	12	17	—	4	4	—	9	—	1	—	1	—	—	—	—	—	—	41	74	115
1891,	11	5	16	18	34	52	2	7	9	1	6	6	1	18	19	—	—	—	—	—	—	—	—	—	32	70	102
1892,	9	17	26	16	39	55	2	13	15	—	5	5	—	16	16	—	—	—	—	—	—	—	—	—	27	91	118
1893,	11	14	25	20	40	69	2	11	13	—	3	3	—	18	18	—	—	—	—	—	—	—	—	—	43	88	131
1894,	19	16	35	31	66	97	3	11	14	1	5	6	—	27	27	4	4	4	1	1	1	1	1	1	54	130	184
1895,	9	6	15	30	56	86	—	8	8	—	2	2	—	18	18	—	—	—	—	—	—	—	—	—	39	91	130
1896,	11	24	35	42	89	131	3	17	20	—	5	5	—	31	31	1	1	3	1	1	1	1	1	1	57	169	226
1897,	19	17	36	33	51	84	5	5	10	14	14	1	1	16	17	—	—	—	—	—	—	—	—	—	58	108	166
1898,	24	21	45	21	53	74	—	14	14	—	—	—	—	31	32	—	—	—	—	—	—	—	—	—	46	127	173
1899,	19	14	33	32	54	86	1	19	20	—	2	2	—	24	25	—	—	—	—	—	—	—	—	—	53	116	169
1900,	15	12	27	38	47	85	3	16	19	—	1	1	—	24	24	—	—	—	—	—	—	—	—	—	56	102	158
1901,	21	10	41	35	50	85	6	21	27	—	4	4	—	24	24	2	2	2	—	—	—	—	—	—	62	123	185
1902,	14	12	26	52	57	109	4	23	26	—	3	3	—	30	30	4	4	4	—	—	—	—	—	—	70	137	207
1903,	22	17	39	23	73	96	1	23	24	—	1	1	—	47	48	2	2	2	—	—	—	—	—	—	47	164	211
1904,	27	49	76	36	79	115	5	16	21	—	1	1	—	34	38	5	5	5	—	—	—	—	—	—	67	165	232
1905,	9	12	21	30	55	85	2	19	21	—	2	2	—	27	27	—	—	—	—	—	—	—	—	—	41	121	162
1906,	24	21	45	44	91	135	4	4	29	—	1	1	—	42	44	—	—	—	—	—	—	—	—	—	75	193	268
1907,	21	10	31	50	79	129	6	44	50	—	2	2	—	65	61	8	8	8	—	—	—	—	—	—	83	196	279
1908,	24	15	39	40	74	114	7	34	41	—	1	1	—	64	66	6	6	6	—	—	—	—	—	—	73	195	268
1909,	16	15	31	45	79	124	5	29	34	—	1	1	—	45	47	3	3	3	—	—	—	—	—	—	69	172	241
Totals,	332	308	640	669	1,201	1,870	66	380	446	1	62	63	21	600	621	—	65	65	2	10	12	2	6	8	1,093	2,632	3,725

TABLE 35. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890-1909.*

FRANKLIN COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			IMPRISONMENT.			IMPOTENCY.			NEGLECT TO PROVIDE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890,	2	2	4	1	2	3	1	2	3	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	7	9
1891,	-	4	4	3	5	8	1	1	2	-	-	1	6	1	7	-	-	1	-	-	1	-	-	13	3	15	8
1892,	-	1	2	3	6	9	1	1	2	1	1	1	1	1	2	-	-	-	-	-	-	-	-	6	4	10	10
1893,	4	1	5	6	4	10	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	8	8
1894,	3	2	5	7	9	16	-	1	1	-	-	2	4	2	6	-	-	-	-	-	-	-	-	10	4	14	14
1895,	3	4	7	8	12	20	-	1	1	-	-	2	4	2	6	-	-	-	-	-	-	-	-	4	4	8	16
1896,	4	4	8	9	13	22	-	1	1	-	-	2	3	2	5	-	-	-	-	-	-	-	-	6	4	10	20
1897,	2	2	4	3	5	8	-	-	-	-	-	3	3	3	6	-	-	-	-	-	-	-	-	4	4	8	23
1898,	1	1	2	5	6	11	-	-	-	-	-	3	3	3	6	-	-	-	-	-	-	-	-	2	2	4	22
1899,	1	1	2	10	12	15	-	-	-	-	-	3	3	3	6	-	-	-	-	-	-	-	-	4	4	8	21
1900,	2	1	3	8	9	17	-	-	-	-	-	6	6	6	12	-	-	-	-	-	-	-	-	2	2	4	25
1901,	1	1	2	10	12	18	-	-	-	-	-	3	3	3	6	-	-	-	-	-	-	-	-	4	4	8	17
1902,	2	1	3	8	9	17	-	-	-	-	-	3	3	3	6	-	-	-	-	-	-	-	-	3	3	6	18
1903,	2	2	4	11	15	22	-	-	-	-	-	3	3	3	6	-	-	-	-	-	-	-	-	11	8	19	38
1904,	2	2	4	6	12	18	-	-	-	-	-	5	5	5	10	-	-	-	-	-	-	-	-	8	25	33	31
1905,	3	3	6	5	14	19	-	-	-	-	-	5	5	5	10	-	-	-	-	-	-	-	-	13	18	31	44
1906,	4	1	5	9	16	25	-	-	-	-	-	7	7	7	14	-	-	-	-	-	-	-	-	6	6	12	40
1907,	1	1	2	3	4	7	-	-	-	-	-	1	1	1	2	-	-	-	-	-	-	-	-	2	2	4	10
1908,	2	1	3	6	11	17	-	-	-	-	-	7	7	7	14	-	-	-	-	-	-	-	-	6	6	12	21
1909,	4	3	7	5	9	14	-	-	-	-	-	2	2	2	4	-	-	-	-	-	-	-	-	1	7	8	35
Totals,	39	27	66	69	123	192	1	51	52	-	4	4	64	64	128	-	3	3	6	1	1	-	22	22	109	295	404

TABLE 36. — *Divorces granted, by Years and Statute Causes, — Twenty Years, 1890-1909.*

HAMPDEN COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890,	4	2	6	10	21	31	5	14	19	1	2	3	—	—	—	—	—	—	—	—	—	14	35	49
1891,	3	4	7	14	16	30	5	16	21	2	2	4	—	—	—	—	—	—	—	—	—	19	45	64
1892,	7	5	12	4	7	11	3	9	17	2	2	4	—	—	—	—	—	—	—	—	—	11	28	39
1893,	6	8	14	8	17	25	3	17	20	2	2	4	—	—	—	—	—	—	—	—	—	17	57	74
1894,	1	3	4	11	12	23	1	15	15	10	10	20	—	—	—	—	—	—	—	—	—	19	43	62
1895,	1	4	5	10	17	27	1	11	12	4	4	8	—	—	—	—	—	—	—	—	—	12	40	52
1896,	3	6	9	17	14	31	1	11	12	—	—	—	—	—	—	—	—	—	—	—	—	21	45	66
1897,	4	3	7	13	14	27	1	12	12	—	—	—	—	—	—	—	—	—	—	—	—	12	40	52
1898,	8	4	12	17	15	32	5	5	10	1	1	2	2	11	13	11	1	1	1	1	1	19	44	63
1899,	6	4	10	15	19	34	2	13	15	3	3	6	—	—	—	—	—	—	—	—	—	31	45	76
1900,	4	4	8	11	18	29	1	10	11	—	—	—	—	—	—	—	—	—	—	—	—	24	53	77
1901,	3	5	8	17	27	44	1	15	16	1	1	2	—	—	—	—	—	—	—	—	—	17	55	72
1902,	8	6	14	7	31	38	2	15	17	—	—	—	—	—	—	—	—	—	—	—	—	21	61	82
1903,	7	4	11	20	33	53	4	10	10	—	—	—	—	—	—	—	—	—	—	—	—	17	68	85
1904,	9	5	14	17	32	49	4	16	20	1	1	2	—	—	—	—	—	—	—	—	—	27	72	99
1905,	10	13	23	14	40	54	—	10	10	—	—	—	—	—	—	—	—	—	—	—	—	31	73	104
1906,	12	13	25	25	26	51	2	17	19	—	—	—	—	—	—	—	—	—	—	—	—	24	82	106
1907,	10	11	21	22	35	57	2	16	18	—	—	—	—	—	—	—	—	—	—	—	—	39	69	108
1908,	8	6	14	23	33	56	3	15	18	—	—	—	—	—	—	—	—	—	—	—	—	34	85	119
1909,	11	7	18	17	27	44	3	12	15	—	—	—	—	—	—	—	—	—	—	—	—	34	73	107
Totals,	132	117	249	292	454	746	32	248	280	1	28	29	5	224	229	—	79	79	—	4	4	462	1,154	1,616

1 One female, excessive use of cocaine.

TABLE 37. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890-1909.*

HAMPSHIRE COUNTY.

YEARS.	ADULTERY.			DESEDITION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			NULLITY OF MARRIAGE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.			
1890.	2	1	3	1	6	7	1	3	4	1	4	5	1	6	7	1	3	4	5	1	4	5	1	8	9	17	25			
1891.	2	1	3	1	6	7	1	3	4	1	5	6	1	6	7	1	3	4	5	1	4	5	1	8	9	17	25			
1892.	2	1	3	1	6	7	1	3	4	1	5	6	1	6	7	1	3	4	5	1	4	5	1	8	9	17	25			
1893.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1894.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1895.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1896.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1897.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1898.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1899.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1900.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1901.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1902.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1903.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1904.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1905.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1906.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1907.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1908.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
1909.	1	1	2	1	2	3	1	2	3	1	4	5	1	5	6	1	2	3	4	1	2	3	1	5	6	11	16			
Totals.	27	23	50	71	87	158	3	53	56	13	13	26	44	44	88	13	13	26	1	1	2	1	1	2	4	4	8	101	239	340

TABLE 38. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890-1909.*

MIDDLESEX COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.		Both Sexes.	Males.		Both Sexes.	Males.		Both Sexes.	Males.		Both Sexes.	Males.		Both Sexes.	Males.		Both Sexes.	Males.		Both Sexes.	Males.		Both Sexes.	Males.		Both Sexes.
1890.	7	6	13	17	18	35	4	5	9	3	7	3	3	13	3	1	1	1	1	1	1	1	1	1	24	39	63
1891.	3	8	11	27	36	63	4	8	12	1	7	3	13	17	1	1	1	1	1	1	1	1	1	1	34	71	105
1892.	9	7	16	16	36	52	4	3	24	4	4	4	21	18	1	4	4	2	1	1	1	1	1	1	30	73	103
1893.	20	26	46	37	64	101	3	21	18	25	25	25	21	21	1	2	1	1	1	1	1	1	1	1	66	140	206
1894.	11	19	30	23	63	73	2	16	18	4	4	4	1	1	1	1	5	3	1	1	1	1	1	1	36	111	147
1895.	14	26	40	21	42	63	7	14	15	26	29	29	1	1	1	3	3	3	1	1	1	1	1	1	39	114	153
1896.	21	23	44	31	49	85	5	12	17	2	44	44	1	1	1	8	10	10	1	1	1	1	1	1	59	139	198
1897.	20	18	38	34	51	85	4	27	31	18	28	28	2	16	18	10	10	1	1	1	1	1	1	1	61	115	176
1898.	21	22	43	27	54	81	4	27	31	1	36	37	3	42	45	11	11	3	3	3	3	3	3	3	72	157	229
1899.	28	19	47	36	69	105	7	27	34	5	5	5	3	45	48	11	11	2	2	2	2	2	2	2	59	181	240
1900.	18	33	51	34	71	105	4	17	21	35	35	35	1	1	1	9	9	8	8	8	8	8	8	8	74	176	250
1901.	24	24	48	45	73	118	5	25	30	3	3	3	1	1	1	12	12	12	12	12	12	12	12	12	72	167	239
1902.	20	24	44	47	70	117	5	31	35	2	2	2	3	54	54	8	8	8	8	8	8	8	8	8	84	217	301
1903.	29	29	58	50	91	141	4	31	35	2	2	2	3	63	66	5	5	5	5	5	5	5	5	5	71	216	287
1904.	18	25	43	46	95	141	3	31	34	1	1	1	3	47	47	6	6	6	6	6	6	6	6	6	71	216	287
1905.	14	24	38	53	89	142	3	31	34	1	1	1	3	70	73	3	3	3	3	3	3	3	3	3	106	200	270
1906.	26	36	62	68	123	191	8	35	43	2	59	61	3	78	79	4	4	4	4	4	4	4	4	4	106	200	306
1907.	29	32	61	66	108	174	8	36	43	2	65	71	3	78	79	4	4	4	4	4	4	4	4	4	106	200	306
1908.	22	18	40	53	101	157	3	26	33	6	65	71	1	78	79	4	4	4	4	4	4	4	4	4	80	238	318
1909.	8	21	29	45	78	123	2	24	26	6	65	71	1	78	79	4	4	4	4	4	4	4	4	4	62	194	256
Totals.	362	440	802	776	1,371	2,147	83	434	517	14	403	417	13	425	438	97	97	15	15	4	8	12	12	12	1,252	3,104	4,446

¹ One female, nullity of marriage.

TABLE 39. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890–1909.*

NORFOLK COUNTY.

YEARS.	ADULTERY.		DESSERTION.		INTOXICATION.		EXTREME CRUELTY.		CRUEL AND ABUSIVE TREATMENT.		NEGLECT TO PROVIDE.		IMPRISONMENT.		NULLITY OF MARRIAGE.		TOTALS.		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Both Sexes.
	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.	Both Sexes.
1890,	3	4	5	8	4	4	1	1	2	2	1	1	1	1	1	1	9	16	25
1891,	3	1	3	9	3	3	1	4	4	3	2	4	1	1	1	1	6	20	26
1892,	3	2	4	12	2	2	1	1	3	3	1	1	1	1	1	1	7	20	27
1893,	2	5	4	4	2	7	2	2	1	1	1	1	1	1	1	1	7	23	30
1894,	2	4	4	13	6	6	2	1	1	3	1	1	1	1	1	1	10	26	36
1895,	1	3	6	15	4	6	1	2	2	4	1	1	1	1	1	1	6	25	31
1896,	1	4	5	10	5	6	1	4	4	2	1	1	1	1	1	1	7	28	35
1897,	2	4	3	14	2	5	1	1	2	2	1	1	1	1	1	1	7	21	28
1898,	2	4	10	13	1	5	1	1	9	5	1	1	1	1	1	1	12	23	35
1899,	3	7	5	7	1	1	1	1	7	3	1	1	1	1	1	1	9	36	45
1900,	2	3	12	23	2	4	1	1	3	3	1	1	1	1	1	1	13	26	39
1901,	1	4	6	11	5	7	1	3	4	4	1	1	1	1	1	1	8	24	32
1902,	3	4	5	20	7	5	1	1	1	1	1	1	1	1	1	1	12	35	47
1903,	4	1	8	17	6	6	1	1	10	10	2	2	1	1	1	1	15	34	49
1904,	3	5	10	22	3	4	1	1	10	11	2	2	1	1	1	1	11	40	51
1905,	5	10	5	18	5	5	1	1	11	11	3	3	1	1	1	1	10	48	58
1906,	1	8	8	15	1	13	1	1	14	14	3	3	1	1	1	1	10	47	57
1907,	3	6	6	22	1	10	1	1	18	18	1	1	1	1	1	1	18	51	69
1908,	1	6	16	32	1	10	1	1	16	16	1	2	1	1	1	1	18	56	74
1909,	9	16	8	23	1	8	1	1	16	16	1	1	1	1	1	1	20	63	83
Totals,	51	71	136	282	10	107	10	10	5	135	23	23	3	3	1	2	203	633	836

TABLE 40. — *Divorces granted, by Years and Statute Causes. — Twenty Years, 1890-1909.*

PLYMOUTH COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			NULLITY OF MARRIAGE.			TOTALS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Males.			Females.			Both Sexes.			Males.			Females.			Both Sexes.			Males.			Females.			Both Sexes.			Males.			Females.			Both Sexes.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

TABLE 41. — *Divorces granted, by Years and Statute Causes, — Twenty Years, 1890–1909.*

SUFFOLK COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO IMPROVE.			IMPRISONMENT.			IMPOTENCY.			NULLITY OF MARRIAGE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.			
1890.	24	16	40	30	66	96	7	15	22	4	4	10	10	1	1	1	1	1	1	1	1	2	4	6	63	118	181			
1891.	29	25	54	43	65	108	6	27	33	11	11	17	18	3	3	3	3	3	3	3	3	2	3	4	81	153	234			
1892.	28	27	55	47	79	126	10	19	29	2	2	32	34	10	10	10	10	10	10	10	10	1	3	4	90	175	265			
1893.	38	36	74	43	92	135	12	21	33	11	11	32	32	4	4	4	4	4	4	4	4	2	3	4	96	197	293			
1894.	31	49	80	41	108	149	9	36	45	16	16	45	48	14	14	14	14	14	14	14	14	1	3	6	89	180	269			
1895.	31	31	62	48	72	120	5	17	22	14	14	28	29	15	15	15	15	15	15	15	15	1	3	3	123	234	357			
1896.	44	48	92	64	96	160	10	35	45	7	7	31	35	11	11	11	11	11	11	11	11	2	3	3	83	251	334			
1897.	23	40	63	48	98	146	8	29	36	8	8	46	46	12	12	12	12	12	12	12	12	2	3	4	117	219	336			
1898.	41	35	76	58	87	145	14	28	43	1	1	56	56	14	14	14	14	14	14	14	14	1	4	4	91	228	319			
1899.	27	35	62	44	87	131	16	38	54	7	7	44	44	9	9	9	9	9	9	9	1	1	1	1	106	245	351			
1900.	37	34	71	58	109	167	10	39	49	12	12	39	40	11	11	11	11	11	11	11	1	1	1	1	131	314	445			
1901.	45	52	97	69	129	198	13	37	50	15	15	60	61	12	12	12	12	12	12	12	2	2	2	2	133	277	410			
1902.	52	30	82	63	128	191	14	37	51	5	5	52	54	20	20	20	20	20	20	20	2	2	2	2	134	374	508			
1903.	47	48	95	66	154	220	15	49	64	1	1	96	99	20	20	20	20	20	20	20	2	2	2	2	134	363	497			
1904.	38	37	75	82	163	245	12	41	53	—	—	100	101	14	14	14	14	14	14	14	1	1	1	1	119	336	455			
1905.	41	36	77	55	130	185	8	53	61	—	—	97	104	13	13	13	13	13	13	13	2	2	2	2	108	330	438			
1906.	31	41	72	62	121	183	9	52	61	—	—	87	91	19	19	19	19	19	19	19	3	3	3	3	174	422	596			
1907.	48	54	102	98	165	263	17	65	82	—	—	103	107	24	24	24	24	24	24	24	2	2	2	2	117	339	456			
1908.	37	36	73	56	134	210	14	44	58	—	—	87	92	6	6	6	6	6	6	6	1	1	1	1	141	374	515			
1909.	43	36	79	79	141	220	11	47	58	—	—	135	139	4	4	4	4	4	4	4	1	1	1	1	141	374	515			
Totals.	735	746	1,481	1,154	2,244	3,398	220	730	950	104	104	1,197	1,243	—	239	239	239	239	239	239	35	35	7	15	22	54	84	138		
																										2,216	5,394	7,610		

TABLE 42. — *Divorces granted, by Years and Statute Causes, — Twenty Years, 1890–1909.*
WORCESTER COUNTY.

YEARS.	ADULTERY.		DESERTION.		INTOXICATION.		EXTREME CRUELTY.		CRUEL AND ABUSIVE TREATMENT.		NEGLECT TO PROVIDE.		IMPRISONMENT.		IMPOTENCY.		NULLITY OF MARRIAGE.		TOTALS.		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
1890,	9	5	11	14	24	38	16	16	1	1	3	3	14	14	—	—	—	—	20	63	83
1891,	8	10	18	14	28	42	20	20	3	3	6	6	14	13	—	—	—	—	24	79	103
1892,	13	10	23	18	30	48	13	15	1	1	8	8	16	16	—	—	—	—	34	63	97
1893,	11	12	23	20	31	51	19	19	2	2	3	3	—	—	—	—	—	—	31	83	114
1894,	7	12	19	23	32	52	17	19	1	1	5	5	15	15	—	—	—	—	29	82	111
1895,	11	7	18	23	26	49	14	15	4	4	1	1	13	14	—	—	—	—	36	65	101
1896,	15	6	21	22	32	54	14	14	2	2	1	1	16	16	—	—	—	—	37	77	114
1897,	9	9	18	21	39	60	11	13	3	3	4	4	15	19	—	—	—	—	34	89	123
1898,	4	6	10	22	32	54	2	15	2	2	12	12	16	16	—	—	—	—	37	77	114
1899,	14	8	22	15	32	47	3	18	—	—	3	3	16	16	—	—	—	—	32	89	117
1900,	11	2	13	29	38	67	18	21	—	—	8	8	31	31	—	—	—	—	40	100	140
1901,	9	8	17	25	39	64	5	22	2	2	7	7	23	23	—	—	—	—	39	101	140
1902,	21	15	36	33	37	70	2	18	3	3	9	9	31	31	—	—	—	—	56	112	168
1903,	14	10	24	41	48	89	1	31	—	—	10	10	29	29	—	—	—	—	37	130	167
1904,	14	16	30	21	40	61	1	32	—	—	10	10	33	34	—	—	—	—	56	132	188
1905,	9	8	17	28	53	81	1	27	2	2	8	8	41	40	—	—	—	—	39	136	175
1906,	18	11	29	28	51	79	5	26	—	—	6	6	25	25	—	—	—	—	51	117	168
1907,	15	9	24	35	66	101	3	23	—	—	3	3	45	46	—	—	—	—	47	136	183
1908,	17	13	30	35	66	101	1	13	—	—	6	6	44	45	—	—	—	—	57	145	202
1909,	14	5	19	38	69	107	2	20	—	—	6	6	43	47	—	—	—	—	58	143	201
Totals,	240	182	422	495	797	1,292	34	384	418	—	34	34	15	481	496	—	126	126	785	2,021	2,806

TABLE 43. — Total Number of Divorces granted, by Counties and Statute Causes. — Twenty Years, 1890–1909.

COUNTIES.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPO- TENCY.			NULLITY OF MAR- RIAGE.			TOTALS.			
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.				
Barnstable,	33	13	46	74	66	140	1	15	16	—	7	7	3	39	42	—	4	4	—	—	—	—	—	—	1	—	1	112	144	256	
Berkshire,	66	60	126	174	238	412	5	131	136	2	17	19	5	132	137	—	23	23	—	—	—	—	—	1	1	—	1	1	252	603	855
Bristol,	257	186	443	300	483	783	56	222	278	—	34	34	6	341	347	—	90	90	—	4	4	4	1	3	4	11	7	18	631	1,370	2,001
Dukes and Nantucket,	4	2	6	16	10	26	—	7	7	—	4	4	—	16	16	—	2	2	—	—	—	—	—	—	—	—	—	—	20	41	61
Essex,	332	308	640	669	1,201	1,870	66	380	446	1	62	63	21	600	621	—	65	65	2	10	12	2	6	8	—	—	—	1,093	2,632	3,725	
Franklin,	39	27	66	69	123	192	1	51	52	—	4	4	—	64	64	—	22	22	—	3	3	—	1	1	—	—	—	109	295	404	
Hampden,	132	117	249	292	454	746	32	248	280	1	28	29	5	224	229	—	79	79	—	4	4	—	—	—	—	—	—	462	1,154	1,616	
Hampshire,	27	23	50	71	87	158	3	53	56	—	13	13	—	44	44	—	13	13	—	1	1	—	1	1	—	4	5	101	239	340	
Middlesex,	362	440	802	776	1,371	2,147	83	434	517	14	403	417	13	425	438	—	97	97	—	15	15	4	8	12	—	1	1	1,252	3,194	4,446	
Norfolk,	51	71	122	136	282	418	10	107	117	—	10	10	5	135	140	—	23	23	—	3	3	—	—	—	—	1	2	3	203	633	836
Plymouth,	116	107	223	254	347	601	15	130	145	2	17	19	9	272	281	—	85	85	—	3	3	—	3	3	—	3	2	3	398	967	1,365
Suffolk,	735	746	1,481	1,154	2,244	3,398	220	730	950	—	104	104	46	1,197	1,243	—	239	239	—	35	35	7	15	22	54	84	138	2,216	5,394	7,610	
Worcester,	240	182	422	495	797	1,292	34	384	418	—	34	34	15	481	496	—	126	126	—	10	10	—	6	6	1	1	2	785	2,021	2,806	
The State,	2,394	2,282	4,676	4,480	7,703	12,183	526	2,892	3,418	20	737	757	128	3,970	4,098	—	868	868	2	88	90	14	44	58	70	103	173	7,634	18,687	26,321	

DEATHS.

The total number of deaths reported for the year 1909 was 51,236, which was 542 less deaths than the number reported in 1908, but the greatest number of deaths since registration, except 1907 and 1908.

It was 2,484 more than the average mortality of the twenty years ending with 1909. The death-rate for the year was 16.15 per 1,000 of the living population as estimated, — the lowest death-rate since the beginning of registration.

The number of deaths of infants under one year was 10,693, which was 913 less than the number of deaths of this class in 1908, but the highest number recorded since 1888, except 1893, 1894, 1896, 1898, and 1900. It was 7 more than the average for the previous ten years.

The percentage of deaths of children under one year of age relative to the total mortality in 1909 was 20.87, as compared with 22.41 in 1908, 20.83 in 1907, 21.94 in 1906, 20.83 in 1905, 20.61 in 1904, and 20.93 in 1903.

In Table 44 is stated the number of deaths per 1,000 of the living population for each year, and the death-rates for the quinquennial periods from 1851 to 1905, inclusive.

The death-rates in non-census years are based, as stated before, on an estimated number of the population. The average death-rate for the fifty-five years differs very little from the annual means of the five-year period ending 1905. The two quinquennial periods, 1897 to 1901 and 1902 to 1907, show a decrease.

In Table 45 are stated the death-rates for the different counties for the nine census years 1865-1905, and also the number of deaths in each county for the twenty-year period 1890-1909.

In every county there was a decrease in the number of deaths in 1909 as compared with 1908, except in Barnstable, Berkshire, Essex, Franklin, Hampden, Nantucket and Plymouth.

TABLE 44. — *Deaths and Death-rates, 1851-1909.*

YEARS.										Deaths registered.	Deaths to 1,000 Persons Living.	Annual Means of Quinquennial Periods.
1851,	18,934	18.55	18.58
1852,	.	.	.	.	.	.	.	.	.	18,482	17.64
1853,	.	.	.	.	.	.	.	.	.	20,301	18.88
1854,	.	.	.	.	.	.	.	.	.	21,414	19.40
1855,	.	.	.	.	.	.	.	.	.	20,798	18.37
1856,	20,735	18.00	17.77
1857,	.	.	.	.	.	.	.	.	.	21,280	18.17
1858,	.	.	.	.	.	.	.	.	.	20,776	17.45
1859,	.	.	.	.	.	.	.	.	.	20,976	17.33
1860,	.	.	.	.	.	.	.	.	.	23,068	18.74
1861,	24,085	19.45	20.70
1862,	.	.	.	.	.	.	.	.	.	22,974	18.45
1863,	.	.	.	.	.	.	.	.	.	27,751	22.16
1864,	.	.	.	.	.	.	.	.	.	28,723	22.82
1865,	.	.	.	.	.	.	.	.	.	26,152	20.64
1866,	23,637	18.15	18.19
1867,	.	.	.	.	.	.	.	.	.	22,772	16.99
1868,	.	.	.	.	.	.	.	.	.	25,603	18.58
1869,	.	.	.	.	.	.	.	.	.	26,054	18.39
1870,	.	.	.	.	.	.	.	.	.	27,329	18.75
1871,	27,943	18.70	20.85
1872,	.	.	.	.	.	.	.	.	.	35,019	22.85
1873,	.	.	.	.	.	.	.	.	.	33,912	21.58
1874,	.	.	.	.	.	.	.	.	.	31,887	18.55
1875,	.	.	.	.	.	.	.	.	.	34,978	21.67
1876,	33,186	19.79	18.84
1877,	.	.	.	.	.	.	.	.	.	31,342	18.40
1878,	.	.	.	.	.	.	.	.	.	31,303	18.10
1879,	.	.	.	.	.	.	.	.	.	31,801	18.11
1880,	.	.	.	.	.	.	.	.	.	35,292	19.79
1881,	36,458	20.10	19.85
1882,	.	.	.	.	.	.	.	.	.	36,785	19.94
1883,	.	.	.	.	.	.	.	.	.	37,748	20.11
1884,	.	.	.	.	.	.	.	.	.	36,990	19.04
1885,	.	.	.	.	.	.	.	.	.	38,094	19.61
1886,	37,244	18.63	19.40
1887,	.	.	.	.	.	.	.	.	.	40,763	19.83
1888,	.	.	.	.	.	.	.	.	.	42,097	19.90
1889,	.	.	.	.	.	.	.	.	.	41,777	19.20
1890,	.	.	.	.	.	.	.	.	.	43,528	19.44
1891,	45,185	19.74	19.83
1892,	.	.	.	.	.	.	.	.	.	48,762	20.86
1893,	.	.	.	.	.	.	.	.	.	49,084	20.52
1894,	.	.	.	.	.	.	.	.	.	46,791	19.13
1895,	.	.	.	.	.	.	.	.	.	47,540	19.01
1896,	49,381	19.30	18.09
1897,	.	.	.	.	.	.	.	.	.	47,419	18.11
1898,	.	.	.	.	.	.	.	.	.	46,761	17.45
1899,	.	.	.	.	.	.	.	.	.	47,710	17.40
1900,	.	.	.	.	.	.	.	.	.	51,156	18.23
1901,	48,275	16.97	16.68
1902,	.	.	.	.	.	.	.	.	.	47,491	16.47
1903,	.	.	.	.	.	.	.	.	.	49,054	16.78
1904,	.	.	.	.	.	.	.	.	.	48,482	16.36
1905,	.	.	.	.	.	.	.	.	.	50,486	16.81
1906,	50,624	16.63	
1907,	.	.	.	.	.	.	.	.	.	54,234	17.57
1908,	.	.	.	.	.	.	.	.	.	51,788	16.51
1909,	.	.	.	.	.	.	.	.	.	51,236	16.15

TABLE 45. — *Death-rates by Counties, 1865, 1870, 1875, 1880, 1885, 1890, 1895, 1900, 1905, and Deaths, 1890-1900.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	STATE.
Death-rates, 1865,	17.8	17.9	20.4	15.4	1.7	18.4	19.0	20.9	19.1	28.0	19.1	22.0	23.3	21.2	20.6
" " 1870,	14.5	15.4	18.1	14.3	17.4	16.9	19.1	17.1	18.9	22.6	15.6	16.2	23.7	17.9	18.7
" " 1875,	19.1	18.9	20.7	17.2	21.1	19.8	20.4	20.4	20.9	26.2	17.4	18.6	25.7	18.4	21.1
" " 1880,	19.0	16.0	21.4	13.9	20.2	16.1	19.9	18.1	18.1	30.9	16.1	16.8	23.4	18.9	19.7
" " 1885,	18.8	18.0	20.6	25.4	18.1	15.8	18.4	16.9	18.6	33.7	16.7	17.5	24.2	18.1	19.6
" " 1890,	19.4	18.2	20.3	25.4	20.0	15.8	19.6	18.5	18.4	24.5	16.5	16.9	22.3	17.8	19.4
" " 1895,	21.4	16.1	19.5	22.9	18.9	15.2	19.2	16.7	18.0	25.2	16.1	16.7	22.4	17.9	19.0
" " 1900,	20.6	15.7	20.4	17.8	17.5	15.6	20.0	18.7	16.8	19.0	15.0	15.7	20.5	17.9	18.2
" " 1905,	19.16	15.6	18.4	18.9	17.4	16.9	15.9	15.1	16.1	23.2	13.7	14.8	18.3	16.4	18.8
Deaths, 1890,	567	1,476	3,778	111	6,007	610	2,653	959	7,948	80	1,968	1,563	10,819	4,989	43,528
" 1891,	615	1,436	4,109	109	5,916	699	2,644	969	8,506	80	1,945	1,580	11,357	5,220	45,185
" 1892,	640	1,560	4,367	99	6,272	766	3,181	1,051	9,038	120	2,087	1,759	12,013	5,809	48,762
" 1893,	592	1,505	4,608	115	6,064	654	2,999	1,037	9,420	88	2,294	1,751	12,280	5,677	49,084
" 1894,	559	1,391	4,416	108	5,584	608	2,616	910	8,862	97	2,176	1,677	12,385	5,402	46,791
" 1895,	592	1,386	4,266	97	6,213	608	2,941	913	8,982	76	2,165	1,696	12,114	5,491	47,540

TABLE 45. — *Death-rates by Counties, 1865, 1870, 1875, 1880, 1885, 1890, 1895, 1900, 1905, and Deaths, 1890-1909*
— Concluded.

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	STATE.
Deaths, 1896,	584	1,547	4,985	98	6,295	642	2,859	931	9,445	84	2,230	1,854	12,449	5,378	49,381
" 1897,	514	1,352	4,909	83	5,692	633	2,907	947	9,096	60	2,218	1,620	12,001	5,387	47,419
" 1898,	584	1,393	4,409	83	5,793	662	2,954	878	8,993	58	2,190	1,633	11,713	5,418	46,761
" 1899,	463	1,436	4,849	88	6,057	623	2,890	900	8,954	69	2,177	1,708	11,946	5,550	47,710
" 1900,	573	1,502	5,133	81	6,261	642	3,518	1,099	9,509	57	2,276	1,790	12,512	6,203	51,156
" 1901,	483	1,466	4,592	85	5,929	650	2,961	961	9,348	55	2,205	1,756	12,090	5,694	48,275
" 1902,	517	1,442	4,914	76	5,920	621	3,011	824	9,136	65	2,117	1,633	11,879	5,336	47,491
" 1903,	519	1,491	5,484	91	6,262	591	3,219	846	9,272	56	2,254	1,659	11,496	5,814	49,054
" 1904,	509	1,562	4,950	93	6,142	671	3,144	982	9,046	72	2,270	1,741	11,660	5,640	48,482
" 1905,	514	1,535	4,962	86	6,641	735	3,114	939	9,824	68	2,288	1,900	11,945	5,935	50,486
" 1906,	477	1,443	5,000	86	6,499	652	3,244	988	9,598	79	2,403	1,830	12,393	5,932	50,624
" 1907,	497	1,643	5,714	92	6,795	681	3,687	1,083	10,257	79	2,485	2,028	12,682	6,511	54,234
" 1908,	446	1,454	5,642	80	6,448	567	3,388	1,038	9,885	62	2,330	1,956	12,578	5,974	51,788
" 1909,	511	1,519	5,550	77	6,586	604	3,601	924	9,725	70	2,322	1,969	11,898	5,880	51,236

In Table 46 there is a statement of the mortality of Massachusetts in 1909 compared with that of a number of countries of Europe. This statement comprises the most recent available death-rates.

It is to be noted that the death-rate of Massachusetts, according to the figures of 1909, is the same as that of Belgium and Great Britain (1906), less than that of the others quoted, except Sweden and Holland (1906). The highest is in Russia (1901), and the lowest in Sweden.

TABLE 46.¹ — *Death-rate of Massachusetts compared with the Death-rates of Some European Countries.*

COUNTRIES.	Death-rate per 1,000 Inhabitants.	COUNTRIES.	Death-rate per 1,000 Inhabitants.
Belgium, 1906, . . .	16	Austria, 1906, . . .	23
Germany, 1906, . . .	18	Hungary, 1906, . . .	25
France, 1906, . . .	20	Russia, 1901, . . .	32
Great Britain, 1906, .	16	Sweden, 1906, . . .	14
Spain, 1906, . . .	26	Norway, 1906, . . .	17
Italy, 1906, . . .	21	Switzerland, 1906, .	17
Holland, 1906, . . .	15	Massachusetts, 1909, .	16

¹ Annuaire Statistique de Belgique, 1908.

TABLE 46A.¹ — *Death-rates of the State of Massachusetts compared with Several Large Cities from 1899 to 1907 inclusive.*

CITIES.	Population.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1907.
London,	4,684,794	19.8	18.8	17.6	17.7	15.7	16.6	15.6	14.80
New York,	4,024,780	18.4	20.5	20.0	18.7	18.2	20.3	18.3	18.50
Paris,	2,722,731	19.0	19.4	18.7	18.4	17.2	17.6	17.6	18.50
Berlin,	2,019,043	18.7	19.0	18.0	16.1	16.5	17.0	17.4	15.50
Vienna,	1,897,630	20.9	20.7	19.3	19.6	18.4	18.3	19.3	-
St. Petersburg,	1,410,000	25.2	26.9	24.2	31.4	-	28.3	30.5	-
Moscow,	1,092,360	28.4	31.3	26.9	26.8	27.4	28.0	29.0	-
Osaka (Japan),	1,026,767	20.0	19.5	20.7	21.8	21.1	20.4	-	-
Buenos Ayres,	1,002,444	17.4	20.4	18.9	17.4	15.9	16.0	15.9	-
Rio de Janeiro,	905,000	20.3	17.9	19.4	20.8	20.2	22.0	16.2	17.29
Glasgow,	809,986	21.6	22.0	21.2	20.0	19.2	19.3	17.9	-
Hamburg,	791,462	17.3	17.5	17.4	16.4	16.6	15.6	15.8	-
Brussels,	598,467	17.7	16.2	15.8	16.1	15.2	14.5	14.5	-
Naples,	574,675	24.7	25.7	26.4	25.4	23.4	25.5	25.2	-
Madrid,	563,835	30.9	33.7	32.7	27.2	29.8	28.0	28.0	-
Amsterdam,	554,514	15.3	16.7	15.1	15.4	14.0	15.1	13.8	-
Milan,	536,554	21.5	22.2	22.1	21.5	21.0	20.0	21.1	-
Marseilles,	512,361	26.6	25.4	23.6	22.3	24.5	21.8	21.4	-
Copenhagen,	425,000	18.9	17.5	17.8	15.0	15.7	15.7	16.3	-
Massachusetts,	3,003,680	17.4	18.2	16.9	16.5	16.7	16.3	16.8	-

¹ Latest statistics available. Bureau Municipal de Statistique d'Amsterdam.

From Table 47 it appears that the total mortality for 1909 was less than that of 1908 and the months which showed an increase in the total mortality as compared with 1908 were, in 1909, March, May, June, October, November and December.

The greatest number of deaths in 1909 occurred in March and in the first quarter of the year. In 1908 the greatest number occurred in January and in the first quarter. The least number of deaths in 1909 occurred in June and in the fourth quarter.

TABLE 47. — *Relation of the Mortality-rate to the Season of the Year, 1908-1909.*

	Deaths registered in Each Month.		Deaths registered in Each Quarter.		Monthly Percentage of Total Mortality.		Quarterly Percentage of Total Mortality.	
	1908.	1909.	1908.	1909.	1908.	1909.	1908.	1909.
January, . .	5,162	4,606	14,551	13,725	9.96	8.99	28.08	26.78
February, . .	4,622	4,179			8.92	8.15		
March, . .	4,767	4,940			9.20	9.64		
April, . .	4,592	4,433	12,420	12,556	8.86	8.65	23.98	24.50
May, . .	4,289	4,304			8.28	8.40		
June, . .	3,539	3,819			6.84	7.45		
July, . .	4,247	4,012	13,000	12,651	8.21	7.83	25.12	24.69
August, . .	4,624	4,597			8.93	8.97		
September, .	4,129	4,042			7.98	7.89		
October, . .	3,948	4,049	11,817	12,304	7.63	7.90	22.82	24.03
November, .	3,698	3,879			7.14	7.59		
December, .	4,171	4,378			8.05	8.54		
The Year, .	51,788	51,236	51,788	51,236	100.00	100.00	100.00	100.00

In Table 48 are presented the percentages of deaths by quarters of the year for a period of twenty years. The highest percentage occurred in the first quarter in 1892, the second quarter in 1909, the third quarter in 1896 and the last quarter in 1891.

The order of percentage is as follows, beginning with the maximum: for 1909 it was first, third, second and fourth quarters; in 1908 it was first, third, second and fourth quarters.

TABLE 48. — *Percentages of Deaths by Quarters, 1890-1909.*

YEARS.	PERCENTAGES OF DEATHS, BY QUARTERS ENDING WITH—			
	March.	June.	September.	December.
1890,	27.9	21.9	27.8	22.3
1891,	23.1	23.7	27.2	26.0
1892,	29.5	22.5	26.5	21.5
1893,	24.9	24.2	27.2	23.7
1894,	25.6	22.6	28.9	22.9
1895,	27.4	22.5	26.9	23.2
1896,	23.9	23.9	30.2	22.0
1897,	26.8	23.5	27.0	22.7
1898,	24.0	23.0	28.6	24.4
1899,	27.9	22.8	26.5	22.8
1900,	27.0	24.1	27.1	21.8
1901,	27.6	23.1	25.7	23.6
1902,	25.0	23.5	25.9	25.6
1903,	27.9	23.9	25.3	22.9
1904,	27.5	23.6	25.0	23.9
1905,	27.2	23.8	26.0	23.0
1906,	25.8	24.0	26.1	24.1
1907,	27.1	23.6	25.0	24.3
1908,	28.0	24.0	25.1	22.8
1909,	26.8	24.5	24.7	24.0

The difference in the mortality of the population at different seasons of the year is influenced considerably by the mortality of children under five years of age. In Table 49 are presented the number of deaths by months for the year 1909, with percentages.

TABLE 49.¹ — *For Correction of the Varying Lengths of the Months the Following Table is adopted as More Accurate, the Monthly Deaths being reduced to the Standard of 100.*

	Total Deaths per Month.	Monthly Deaths reduced to a Standard of 100.	Deaths per Day.
January,	4,606	105.9	148.58
February,	4,179	106.4	149.25
March,	4,940	113.5	156.13
April,	4,433	105.3	147.76
May,	4,304	98.9	138.84
June,	3,819	90.6	127.30
July,	4,012	92.3	129.42
August,	4,597	105.6	148.29
September,	4,042	95.9	134.73
October,	4,049	93.0	130.61
November,	3,877	92.0	129.30
December,	4,378	100.6	141.33
	51,236	100.00	140.37

¹ See Twenty-sixth Annual Report of State Board of Health, Massachusetts.

Density of Population. — Table 50 presents the statistics of the fourteen counties, divided into two groups, for the purpose of showing the relation of density of the population to the mortality rate. The population, the area of each group and the density of each are given, together with the mortality rate. The densely settled counties are collected in one group and the sparsely settled in another. The former group includes Suffolk, Essex, Middlesex, Bristol, Norfolk and Hampden counties; and the latter comprises Worcester, Plymouth, Hampshire, Berkshire, Barnstable, Nantucket, Franklin and Dukes counties.

This table deals with the statistics of the census years 1900 and 1905.

TABLE 50. — *Relation of the Death-rate to Density of Population, by Groups of Counties.*

COUNTIES.	Area in Sq. Miles.	Persons to Sq. Mile.	Population. 1900.	Deaths. 1900.	Death-rates per 1,000. 1900.	Persons to Sq. Mile.	Population. 1905.	Deaths. 1905.	Death-rates per 1,000. 1905.
Suffolk,	48	12,737	611,417	12,512	20.5	13,591	652,362	11,945	18.31
Essex,	525	680	357,030	6,261	17.5	726	381,181	6,641	17.42
Middlesex,	858	659	565,696	9,509	16.8	709	608,499	9,824	16.14
Bristol,	587	429	252,029	5,133	20.4	459	263,257	4,962	18.43
Norfolk,	535	283	151,539	2,276	15.0	313	167,537	2,288	13.66
Hampton,	635	276	175,603	3,518	20.0	309	196,013	3,114	15.89
	3,188	663	2,113,314	39,209	18.5	713	2,274,849	38,774	17.00
Worcester,	1,596	217	346,958	6,203	17.9	227	362,668	5,935	16.36
Plymouth,	698	163	113,985	1,790	15.7	183	127,932	1,900	14.85
Hampshire,	597	98	58,820	1,099	18.7	104	62,227	939	15.09
Berkshire,	958	99	95,667	1,502	15.7	103	98,330	1,535	15.61
Barnstable,	417	66	27,826	573	20.6	64	26,831	514	19.16
Nantucket,	53	56	3,006	57	18.9	55	2,930	68	23.28
Franklin,	698	59	41,209	642	15.9	62	43,362	735	16.92
Dukes,	110	41	4,561	81	17.8	41	4,551	86	18.90
	5,127	135	692,032	11,947	17.2	142	728,731	11,712	16.00
The State,	8,315	337	2,805,346	51,156	18.2	361	3,003,680	50,486	18.81

In the former group of counties in 1900, with an estimated average density of 663 to each square mile, the mortality rate was 18.5 per 1,000 of the population; and in the latter group, having a density of 135, it was 17.2 per 1,000. There was therefore a difference of 1.3 per 1,000 in favor of rural counties. In the former group in 1905, with an estimated average density of 713 to each square mile, the mortality rate was 17.00 per 1,000 of the population; and in the latter group, having a density of 142, it was 16.00, — a difference of 1.0 per 1,000 also in favor of rural counties.

Sex. — Table 51 presents the mortality of males and females from 1860 to 1909, the ratio of the mortality of males to that of females, and also the mortality rate of each sex, the latter being given by the census years only. It will be seen that the ratio of deaths of males exceeded that of females in the period of the war, 1862-65, in 1865, 1868, 1870-73; and from 1888-1901 inclusive there has been a gradual annual increase in the ratio of deaths of males. In the census years 1865, 1870, 1875, 1880, 1885, 1890, 1895, 1900 and 1905, the population of females exceeded that of the males.

TABLE 51. — *Mortality of Males and Females compared, 1860–1909.*

	Deaths of Males.	Deaths of Females.	Deaths of Males to 100 Deaths of Females.	Death-rate of Males.	Death-rate of Females.
1860,	11,444	11,547	99.9	19.3	18.4
1862–65 (four years of war), . .	54,407	50,994	106.7	—	—
1865,	13,085	13,024	100.5	21.7	19.6
1866,	11,601	12,003	96.6	—	—
1867,	11,359	11,369	99.8	—	—
1868,	12,871	12,695	101.4	—	—
1869,	12,777	13,231	96.6	—	—
1870,	13,699	13,598	100.7	19.5	18.6
1871,	13,985	13,931	100.4	—	—
1872,	17,717	17,256	102.7	—	—
1873,	17,242	16,642	103.6	—	—
1874,	15,912	15,939	99.9	—	—
1875,	17,329	17,619	98.4	21.8	20.5
1876,	16,485	16,669	98.8	—	—
1877,	15,427	15,894	97.1	—	—
1878,	15,284	15,986	95.6	—	—
1879,	15,628	16,142	96.8	—	—
1880,	17,426	17,852	97.6	20.3	19.3
1881,	18,147	18,296	99.2	—	—
1882,	18,360	18,418	99.6	—	—
1883,	18,840	18,904	99.6	—	—
1884,	18,418	18,567	99.2	—	—
1885,	18,889	19,205	98.4	20.2	19.0
1886,	18,585	18,659	99.6	—	—
1887,	20,329	20,434	99.5	—	—
1888,	21,234	20,863	101.8	—	—
1889,	20,978	20,799	100.9	—	—
1890,	21,767	21,761	100.0	20.0	18.9
1891,	22,672	22,513	100.7	—	—
1892,	24,643	24,119	102.2	—	—
1893,	24,899	24,185	102.9	—	—
1894,	23,788	23,003	103.4	—	—
1895,	24,175	23,365	103.5	19.9	18.2
1896,	25,140	24,241	103.7	—	—
1897,	24,004	23,415	102.5	—	—
1898,	24,082	22,679	106.2	—	—
1899,	24,304	23,406	103.8	—	—
1900,	25,934	25,222	102.8	18.9	17.5
1901,	24,858	23,417	106.1	—	—
1902,	24,199	23,292	103.9	—	—
1903,	25,157	23,897	105.0	—	—
1904,	24,726	23,756	104.0	—	—
1905,	25,996	24,490	106.1	17.8	15.9
1906,	26,190	24,434	107.2	—	—
1907,	28,023	26,211	106.9	—	—
1908,	26,772	25,016	107.0	—	—
1909,	26,320	24,916	105.6	—	—

TABLE 52. — *Population, Deaths and Death-rates of States, Cities and Rural Districts of Registration States for the Years 1890 and 1900.**Registration States.¹*

STATES, CITIES AND RURAL.	Population. 1900.	Deaths. 1900.	DEATH-RATE —	
			1890.	1900.
Total,	17,444,280	301,670	19.5	17.3
Cities,	10,297,642	191,667	22.1	18.6
Rural,	7,146,638	110,003	15.3	15.4
Connecticut,	908,420	15,422	18.6	17.0
Cities,	589,077	10,024	20.9	17.0
Rural,	319,343	5,398	17.0	16.9
Delaware,	— ²	— ²	18.2	— ²
Cities,	76,508	1,595	20.8	20.8
Rural,	— ²	— ²	16.8	— ²
District of Columbia,	278,718	6,364	23.7	22.8
Maine,	694,466	12,148	— ²	17.5
Cities,	118,450	2,429	— ²	20.5
Rural,	576,016	9,719	— ²	16.9
Massachusetts,	2,805,346	49,756	19.3	17.7
Cities,	2,132,623	38,247	19.9	17.9
Rural,	672,723	11,509	17.2	17.1
Michigan,	2,420,982	33,572	— ²	13.9
Cities,	711,618	10,905	— ²	15.3
Rural,	1,709,364	22,667	— ²	13.3
New Hampshire,	411,588	7,400	18.2	18.0
Cities,	158,920	2,990	18.9	18.8
Rural,	252,668	4,410	17.9	17.5
New Jersey,	1,883,669	32,735	19.7	17.4
Cities,	1,069,522	20,083	23.1	18.8
Rural,	814,147	12,652	15.2	15.5
New York,	7,268,894	130,268	19.6	17.9
Cities,	4,908,861	94,362	23.2	19.2
Rural,	2,360,033	35,906	13.9	15.2
Rhode Island,	428,556	8,176	20.9	19.1
Cities,	283,233	5,441	21.4	19.2
Rural,	145,323	2,735	20.3	18.8
Vermont,	343,641	5,829	15.8	17.0
Cities,	46,620	822	18.6	17.6
Rural,	297,021	5,007	15.6	16.9

¹ Census Bulletin No. 83, 1901.² Non-registration.

In Table 52 are presented the populations, deaths by cities and rural districts, and the death-rates per 1,000 inhabitants of the registration States, as compared with Massachusetts.

It is observable in the above table that, while the death-rates have decreased largely in cities, they have not decreased in the same ratio in rural districts. The late Mr. W. A. King, chief statistician for

vital statistics, Census Bureau, assigned the following statements as the cause of the decrease in the death-rates:—

The most important feature of the results presented is found in the decrease of the general death-rate in the registration area of 1.8 per 1,000 of population, — a decrease of nearly 10 per cent.; and the decrease in the rates from the particular diseases to which the general increase is due. The effect of the advances made in medical science and in sanitation and in the preventive and restrictive measures enforced by the health authorities is still more strikingly shown in the comparative rate for the registration cities of the country taken together. . . . The decrease in the general death-rate and in the rates due to diseases most frequent in the early years of life, on one hand, and the increase in the rates due to those diseases occurring generally at advanced ages, on the other, mean also increased longevity.

In Table 53 are presented the populations, death by sexes, death-rates of males and females and the death-rates per 1,000 inhabitants of the registration States, as compared with Massachusetts.

TABLE 53. — *Populations, Deaths of Males and Females, with Death-rates, 1905.*

REGISTRATION STATES.	Population.	Males.	Females.	Totals.	Death-rate per 1,000 Males.	Death-rate per 1,000 Females.	Death-rate per 1,000 Inhabitants.
Connecticut,	908,420	7,902	7,520	15,422	17.4	16.6	16.976
Delaware,	184,735	1,644	1,431	3,075	—	—	16.104
District of Columbia,	278,718	3,274	3,090	6,364	24.8	21.1	22.833
Maine,	694,466	6,292	5,856	12,148	17.9	17.0	17.478
Massachusetts,	2,805,346	25,352	24,404	49,756	18.5	17.0	17.736
Michigan,	2,420,982	18,084	15,488	33,572	14.5	13.2	13.825
New Hampshire,	411,588	3,663	3,737	7,400	17.8	18.1	17.978
New Jersey,	1,883,669	17,462	15,273	32,735	18.5	16.2	17.378
New York,	7,268,894	68,648	61,620	130,268	19.0	16.9	17.921
Rhode Island,	428,556	4,132	4,044	8,176	19.6	18.5	19.078
Vermont,	343,841	2,936	2,893	5,829	16.8	17.2	16.992

In Table 54 the details by age and sex are given for certain periods of life for the years 1908 and 1909, by which it appears that in the year 1909, 1,275 more males than females died under one year, and in 1908 the excess of males was 1,520. The excess of deaths of males over females under five years of age was 1,647 in 1909. The deaths of the females between the ages of twenty and thirty exceeded those of the males by 3 in 1909, and for all other ages the deaths of the females exceeded those of the males by 3,140 in 1909.

TABLE 54. — *Deaths at Different Ages, 1908 and 1909.*

	UNDER 1 YEAR.		UNDER 5 YEARS.		20 TO 30.		ALL OTHERS.		TOTALS.	
	1908.	1909.	1908.	1909.	1908.	1909.	1908.	1909.	1908.	1909.
I. Deaths,										
{ Males,	6,563	5,984	8,685	7,909	1,673	1,564	16,414	13,847	26,772	26,320
{ Females,	5,043	4,709	6,998	6,362	1,573	1,567	16,445	16,987	25,016	24,916
{ Totals,	11,606	10,693	15,683	14,271	3,246	3,131	32,859	30,834	51,788	51,236
II. Percentages for each sex,										
{ Males,	24.51	22.73	32.44	30.05	6.25	5.94	61.31	52.61	—	—
{ Females,	18.83	18.89	27.97	25.53	6.29	6.29	65.74	60.15	—	—
III. Percentage for each period of life,										
.	22.41	20.87	30.29	27.85	6.27	6.11	63.44	60.18	—	—
IV. Females to 1,000 males,	739	804	911	804	941	1,000	950	1,228	934	946

Table 55 presents the ratio of deaths at certain ages, as compared with the total number, for a period of twenty years. The percentage of deaths under five years of age was in 1909 the smallest of that of any year of the twenty-year period, with the exception of 1904, 1905 and 1907.

TABLE 55. — *Deaths at Different Ages. — Percentages, Twenty Years, 1890–1909.*

	Under 1 Year.	Under 5 Years.	20 to 30.	All Others.
1890,	22.11	31.86	9.03	59.11
1891,	22.54	31.58	8.45	59.97
1892,	21.84	31.22	9.00	59.78
1893,	22.39	32.47	8.81	58.72
1894,	23.29	33.60	8.50	57.90
1895,	22.22	31.98	8.63	59.39
1896,	23.82	33.86	8.35	57.80
1897,	22.67	32.27	8.38	59.95
1898,	23.34	31.78	8.59	59.63
1899,	22.08	31.09	7.88	61.03
1900,	22.48	31.88	7.63	60.49
1901,	20.62	28.87	7.79	63.34
1902,	21.21	30.03	7.64	62.33
1903,	20.93	29.24	7.10	63.66
1904,	20.61	27.41	7.37	65.22
1905,	20.84	27.84	7.05	65.11
1906,	21.94	29.69	6.54	63.77
1907,	20.83	27.46	6.57	65.97
1908,	22.41	28.35	6.27	65.38
1909,	20.87	27.85	6.11	60.18

Infant Mortality. — The number of deaths of children under one year of age in 1909 was 10,693, or 20.87 per cent. of the total mortality. As compared with the number of births, the ratio, 12.72 per cent., was the lowest in twenty years.

TABLE 56. — *Infant Mortality. — Twenty Years, 1890-1909.*

	Births.	Deaths under One Year.	Total Deaths.	Deaths under One Year to 100 Births.	Percentage of Deaths under One to Total Deaths.
1890, . . .	57,777	9,625	43,528	16.66	22.11
1891, . . .	63,004	10,186	45,185	16.17	22.54
1892, . . .	65,824	10,649	48,762	16.17	21.84
1893, . . .	67,192	10,990	49,084	16.36	22.39
1894, . . .	66,936	10,899	46,791	16.28	23.29
1895, . . .	67,545	10,564	47,540	15.64	22.22
1896, . . .	72,343	11,765	49,381	15.78	23.82
1897, . . .	73,205	10,751	47,419	14.69	22.67
1898, . . .	73,110	11,012	46,761	15.06	23.34
1899, . . .	70,457	10,532	47,710	14.95	22.08
1900, . . .	73,386	11,500	51,156	15.67	22.48
1901, . . .	71,976	9,952	48,275	13.83	20.62
1902, . . .	72,219	10,075	47,491	13.95	21.21
1903, . . .	73,584	10,269	49,054	13.83	20.93
1904, . . .	75,014	9,992	48,482	13.32	20.61
1905, . . .	75,022	10,519	50,486	14.02	20.84
1906, . . .	80,237	11,106	50,624	13.84	21.94
1907, . . .	85,001	11,293	54,234	13.29	20.91
1908, . . .	86,911	11,606	51,788	13.35	22.41
1909, . . .	84,039	10,693	51,236	12.72	20.87

TABLE 57. — *Average Ages at Death, by Counties, 1851-1905. — Census Years.*

YEARS.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1851-1855 (mean),	27.07	30.63	33.07	28.08	39.36	28.14	35.56	28.94	34.32	25.47	37.45	28.02	32.68	20.10	29.61
1856-1860,	27.72	32.49	32.66	29.18	42.28	27.68	35.26	28.39	34.60	26.57	37.76	28.97	31.12	21.83	29.34
1861-1865,	28.14	34.23	32.09	29.27	43.56	28.08	27.29	27.37	32.16	27.29	44.61	27.63	33.30	23.00	28.81
1866-1870,	30.31	40.11	34.43	32.64	42.01	30.35	40.30	28.12	37.21	29.29	53.52	31.85	39.18	24.51	31.31
1871-1875,	29.34	40.05	33.25	30.22	48.72	30.17	39.56	26.15	34.60	28.26	54.28	33.89	39.25	23.68	32.07
1876-1880,	31.64	44.37	36.32	30.06	49.99	31.39	43.49	28.66	38.09	30.27	53.33	35.82	41.90	26.90	33.81
Average of 30 years,	29.04	36.96	33.64	29.91	45.08	29.30	38.58	27.94	35.16	27.86	46.15	30.95	36.24	23.34	30.82
1881-1885,	33.37	49.34	35.85	32.04	50.77	34.77	43.50	28.36	40.05	33.12	51.96	39.03	42.72	28.55	34.33
1886-1890,	33.91	49.41	35.85	31.08	52.71	34.86	44.05	30.62	40.15	32.79	56.52	38.83	44.01	30.46	35.25
1891-1895,	34.73	50.10	37.58	29.99	52.67	35.82	45.00	31.47	37.51	33.76	55.84	39.72	44.81	30.32	35.94
1896-1900,	35.25	49.86	38.40	29.74	46.50	36.91	46.60	31.45	42.74	35.62	55.16	41.57	42.93	31.94	36.87
1901-1905,	37.73	51.89	40.51	30.43	56.68	39.43	46.65	33.63	43.58	38.77	58.57	44.20	46.33	35.27	38.64

In Table 57 is given the average age at death of all who died in the State, by counties, for fifty-five years, in quinquennial periods. In every county there was an increase in the average age, as compared with the average for thirty years ending 1880. The average of the ages at death in the five-year period 1901-1905 is greater in every county than that of the preceding five years.

Though this table shows increased longevity in the counties, it is practically of little value for comparison of one county with another, unless the different elements that constitute the population of the county are taken into consideration, and these are not yet available.

In Table 58 are presented, by counties, the percentages of deaths by nativity for 1909. From this table it appears that the ratio of deaths of the native born to the total mortality of the county was the greatest in Barnstable, Dukes and Franklin counties, and the least in Suffolk, Middlesex and Worcester counties.

TABLE 58. — *Nativity of those whose Deaths were registered in 1909, by Counties.*

COUNTIES.	NATIVE-BORN.		FOREIGN-BORN.		NATIVITY NOT STATED.		TOTALS.	
	Nos.	Percent-ages.	Nos.	Percent-ages.	Nos.	Percent-ages.	Nos.	Totals.
Barnstable, .	446	87.28	61	11.94	4	0.78	511	100
Berkshire, .	1,106	72.81	396	26.07	17	1.12	1,519	100
Bristol, . .	3,898	70.23	1,631	29.39	21	0.38	5,550	100
Dukes, . . .	63	81.82	12	15.58	2	2.60	77	100
Essex, . . .	4,701	71.39	1,344	27.99	41	0.62	6,586	100
Franklin, . .	487	80.63	113	18.71	4	0.66	604	100
Hampden, . .	2,589	72.15	985	27.36	18	0.49	2,598	100
Hampshire, .	702	75.97	217	23.49	5	0.54	702	100
Middlesex, .	6,549	67.34	3,124	32.13	52	0.53	6,549	100
Nantucket, .	64	71.43	6	8.57	—	—	64	100
Norfolk, . .	1,619	69.73	693	29.84	10	0.43	2,322	100
Plymouth, .	1,498	76.08	463	23.51	8	0.41	1,969	100
Suffolk, . . .	7,513	63.15	4,234	35.59	151	1.26	11,898	100
Worcester, .	4,045	68.79	1,806	30.71	29	0.50	5,880	100
Totals, . . .	35,280	68.88	15,585	30.42	362	0.70	51,236	100

In Table XII., page 94, are stated the names and other principal data relative to those persons who died in 1909 who were reported as having lived one hundred years or more, and it is not necessary to repeat this table. Of the whole number reported in 1909, 92 per cent. were females and 54 per cent. were of foreign birth.

In Table 59 are presented the percentages of deaths, by nativity, from 1854-1905, in five-year periods.

TABLE 59. — *Nativity of Persons Deceased. — Fifty-two Years, 1854-1905.*

	TOTAL DEATHS. ¹	NATIVE-BORN.		FOREIGN-BORN.	
		Nos.	Percent- ages.	Nos.	Percent- ages.
1854-59 (annual mean), . .	20,996	16,880	83.88	3,246	16.12
1860-65 " " . .	25,459	21,243	84.92	3,772	15.08
1866-70 " " . .	25,079	19,982	80.82	4,745	19.18
1871-75 " " . .	32,747	25,941	80.09	6,584	19.90
1876-80 " " . .	32,585	25,661	79.78	6,502	20.22
1881-85 " " . .	37,135	28,190	76.41	8,702	23.59
1886-90 " " . .	14,082	30,444	74.86	10,224	25.14
1891-95 " " . .	47,472	34,378	73.34	12,499	26.66
1896-1900 " " . .	48,033	34,921	72.70	13,112	27.30
1901-1905 " " . .	48,758	34,208	73.76	12,171	26.24

¹ Including those whose nativity was not recorded. In the calculation of percentages, the ratios to the *total* reported deaths are not given, but only to the total of those cases where the nativity was stated.

CAUSES OF DEATH.

The deaths registered during the year numbered 51,236, as compared with 51,788 for the year 1908. The death-rate for 1909 is 16.15, which shows a noted decrease over 1908 and the previous years since the beginning of registration in 1851. A decrease is noted in the number of deaths from epidemic and infectious diseases when the present year is compared with last year, 1,966, as compared with 2,480. In the deaths classed as "Ill-defined," reported in 1909, there continues a marked improvement in diagnosis, indicated by the continuous decrease for over half a century. In the Registration Report of 1890 the average percentage of the deaths from causes unspecified for the decade 1871-80 was 3.21 of the reported deaths; the percentage for the deaths classed as "Ill-defined" in 1909 was 0.31, showing, as above stated, a better diagnosis as to the causes of death, and indicating an advance to a more perfect registration.

The adoption of the Bertillon system of classification in the report for 1901, which comprises fourteen divisions, has precluded the grouping together of tables of specific differences and comparisons with the incongruous classifications of former nosologies. However, in causes of death, where the Bertillon classification is in conformity, the tables have been retained.

In Table 60 are presented the number of deaths from eight of the most prominent epidemic and infectious diseases for a period of ten years. The deaths from diphtheria and croup are separated (though the same disease), but are combined in a subsequent table. There is a noted decrease in the number of deaths from infectious or epidemic diseases, especially in measles, scarlatina and typhoid fever, while there was a slight increase in the number of deaths from croup and diphtheria.

TABLE 60. — *Mortality from Eight of the Most Prominent Epidemic and Infectious Diseases. — Ten Years, 1900–1909.*

YEARS.	DISEASES.								
	Dysentery.	Typhoid Fever.	Whooping- cough.	Croup.	Diphtheria.	Measles.	Scarlatina.	Small-pox.	Totals.
1900, . .	257	632	337	186	1,289	330	391	3	3,425
1901, . .	223	561	210	188	978	173	385	97	2,815
1902, . .	193	538	337	130	743	333	313	284	2,871
1903, . .	188	527	519	123	746	247	510	22	2,882
1904, . .	184	463	117	107	592	160	138	9	1,770
1905, . .	182	520	218	93	559	177	117	2	1,868
1906, . .	176	477	509	89	654	208	135	—	2,248
1907, . .	169	389	243	87	665	163	285	6	2,007
1908, . .	225	517	288	85	662	331	369	3	2,480
1909, . .	215	390	250	91	603	157	259	1	1,966

In Table 61 the statistics of the causes of death for 1909 are presented in fourteen classes, for each of the fourteen counties, with percentages.

TABLE 61. — *Causes of Death by Classes and Counties for 1909.*

	GENERAL DIS-EASES.		DISEASES OF THE NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.		DISEASES OF THE CIRCULATORY APPARATUS.		DISEASES OF THE RESPIRATORY APPARATUS.		DISEASES OF THE DIGESTIVE APPARATUS.		DISEASES OF THE GENITO-URINARY APPARATUS AND ITS ADNEXA.		PUERPERAL STATE.	
	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.
THE STATE,	13,153	25.67	5,908	11.53	7,182	14.02	7,478	14.59	6,172	12.04	3,356	6.55	456	0.89
Barnstable,	122	23.87	73	14.28	104	20.35	50	9.78	46	9.00	39	7.63	7	1.37
Berkshire,	334	21.99	173	11.39	215	14.15	218	14.35	206	13.56	117	7.80	10	0.65
Bristol,	1,228	22.13	593	10.85	536	9.66	889	10.61	1,066	19.21	308	5.55	40	0.72
Dukes,	17	22.08	10	12.99	20	25.95	6	7.79	5	6.59	3	3.89	—	—
Essex,	1,694	25.87	759	11.52	938	14.24	969	14.71	819	12.44	422	6.41	60	0.91
Franklin,	125	20.95	102	16.89	94	15.58	71	11.75	49	8.11	43	7.12	6	0.99
Hampden,	907	25.19	336	9.33	394	10.94	522	14.49	501	13.91	290	8.05	45	1.25
Hampshire,	225	24.35	139	15.04	123	13.31	112	12.12	99	10.71	59	6.38	10	1.08
Middlesex,	2,686	27.62	1,088	11.08	1,502	15.44	1,408	14.48	989	10.17	633	6.51	64	0.66
Nantucket,	23	32.86	9	12.86	13	18.57	5	7.14	2	2.86	8	11.43	—	—
Norfolk,	584	26.16	318	13.79	466	20.08	275	11.94	199	9.59	164	8.07	11	0.48
Plymouth,	535	27.17	270	13.72	308	15.64	262	13.31	172	8.73	129	6.56	26	1.32
Suffolk,	3,221	27.07	1,235	10.38	1,655	13.91	1,874	16.75	1,369	11.51	784	6.59	130	1.09
Worcester,	1,452	24.69	803	13.64	814	13.84	817	13.72	650	11.05	357	6.07	47	0.79

TABLE 61. — *Causes of Death by Classes and Counties for 1909 — Concluded.*

	DISEASES OF THE SKIN AND CELLULAR TISSUE.		DISEASES OF THE ORGANS OF LOCOMOTION.		MALFORMATIONS.		EARLY INFANCY.		OLD AGE.		AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		ILL-DEFINED DISEASES.	
	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.	Numbers.	Percent-ages.
THE STATE, . . .	209	0.41	105	0.20	285	0.56	3,354	6.55	840	1.64	2,578	5.03	160	0.31
Barnstable, . . .	3	0.59	—	—	—	—	26	5.09	19	3.72	22	4.29	—	—
Berkshire, . . .	6	0.39	3	0.19	8	0.53	104	6.84	20	1.32	99	6.52	6	0.39
Bristol, . . .	23	0.41	24	0.43	26	0.47	500	9.09	90	1.62	191	3.44	36	0.65
Dukes, . . .	1	1.29	—	—	—	—	2	2.58	7	9.09	6	7.79	—	—
Essex, . . .	30	0.46	11	0.17	44	0.67	373	5.66	126	1.91	319	4.80	22	0.33
Franklin, . . .	1	0.16	2	0.32	3	0.48	33	5.28	28	4.64	41	6.79	6	0.64
Hampden, . . .	14	0.39	7	0.19	21	0.57	320	8.89	39	1.08	201	5.55	4	0.11
Hampshire, . . .	7	0.76	1	0.11	6	0.65	53	5.74	49	5.36	37	4.00	4	0.43
Middlesex, . . .	31	0.32	15	0.15	58	0.59	590	6.07	179	1.84	462	4.75	20	0.21
Nantucket, . . .	—	—	—	—	1	1.43	—	—	3	4.29	6	8.58	—	—
Norfolk, . . .	11	0.48	6	0.27	7	0.30	118	5.09	37	1.69	122	5.26	4	0.18
Plymouth, . . .	11	0.56	1	0.05	15	0.76	113	5.74	39	1.98	85	4.32	3	0.15
Suffolk, . . .	41	0.34	26	0.22	66	0.55	698	5.87	54	0.45	703	5.91	42	0.35
Worcester, . . .	30	0.51	9	0.15	36	0.61	424	7.21	150	0.26	284	4.83	13	0.22

Table 62 presents some statistics in regard to the deaths ascribed to violence, either homicidal, suicidal or accidental. Owing to the new nosology, the figures for this table are taken from two sources,—one the registrars' and the other the medical examiners' returns. Why there should be such a variance between the figures from these sources is hard to understand, but it occurs every year. It is the more remarkable because the certificates of the medical examiners must be filed with the registrars. One illustration of what happens is as good as another, and that given in the report for 1906 is given again here. If the reader will compare pages 76 and 78 with pages 119 and 120 (report for 1906) he will find in the earlier pages the number of suicides given as 280, while in the latter the number is stated as 344; deaths from drowning are variously given as 309 and 317; burns and scalds, 271 and 148. Lightning is said to have killed 4 persons, if we accept one statement, while another reduces the number one-half; but the most remarkable discrepancy is in regard to deaths from cold, which varies from 15 to 0. Or take the report for 1909. The registrars report 416 cases of suicide, while the medical examiners report 444. The total number of violent deaths reported by the registrars was, in 1909, 2,400, not including 174 cases of alcoholism. On the other hand, the medical examiners reported 4,316 cases, including 144 cases of alcoholism, and 88 where the cause of death was not ascertained by the officers employed for that purpose.

A natural explanation of these variances would seem to be in the assumption that in some years the medical examiner did not view some of the cases, but even that assumption is not wholly sustained by a careful examination of the returns, as in 1909 the returns of the medical examiners exceed those of the registrars. At all events, the figures are given for what they are worth, and the editor must rely on the forbearance of the reader and advise an examination of the figures given in the earlier part of the book, as he is at loss to explain the obvious discrepancies.

The total number of deaths ascribed to violence by the registrars in the returns for 1909 is 2,578, while the medical examiners return 4,613 cases of violence of various kinds, which number includes 114 cases of alcoholism (against a report of 174 by the registrars), clearly deaths from violence (that is, causes other than natural), as much as deaths from opium.

TABLE 62. — *Violent Deaths. — Ten Years, 1900–1909.*

YEARS.	Burns and Scalds.	Poison.	Railroad Accidents.	Drowning and Lost at Sea.	Freezing.	Heat.	Lightning.	Homicide.	Suicide.	Totals.
1900, . . .	213	83	231 ¹	362	—	68	2	17	260	1,239
1901, . . .	242	91	288 ²	72	6	145	4	12	313	1,173
1902, . . .	212	88	363 ³	356	19	10	2	76	324	1,450
1903, . . .	207	68	356 ⁴	344	25	14	3	74	314	1,405
1904, . . .	223	63	353 ⁵	320	28	16	3	66	353	1,425
1905, . . .	315	67	386 ⁶	326	19	56	—	67	369	1,605
1906, . . .	271	90	370 ⁷	340	15	17	4	86	344	1,223
1907, . . .	322	88	429 ⁸	309	3	36	2	96	410	1,565
1908, . . .	290	104 ⁹	379 ¹⁰	350	18	30	—	107 ⁹	470	1,748
1909, . . .	292	87	365 ¹¹	313	16	39	6	68	416	1,602

¹ Including 10 cases of death on electric railroad.² Including 35 cases of death on electric railroad.³ Including 43 cases of death on electric railroad.⁴ Including 45 cases of death on electric railroad.⁵ Including 50 cases of death on electric railroad.⁶ Including 69 cases of death on electric railroad.⁷ Including 55 cases of death on electric railroad.⁸ Including 52 cases of death on electric railroad.⁹ From returns of medical examiners.¹⁰ Including 81 cases of death on electric railroad.¹¹ Including 63 cases of death on electric railroad.

Table 62 is compiled from returns from both registrars and medical examiners. It does not contain several items which bring the total deaths by violence, according to the registrars, up to 2,400.

The number of deaths reported as caused by railroad accidents is less than that of 1905, 1906, 1907 and 1908, but greater than that of any other years of the decade.

The number of deaths by suicide, 416 (medical examiners' returns), or 444 (reported by the registrars), is the greatest of any year in the same period except 1908, if the returns of both the registrars and the medical examiners be accepted.

Most Prominent Causes of Death. — The highest causes of death are set forth in each classification.

General Diseases :—

Tuberculosis of lungs,	4,393
Tuberculosis of other organs,	1,536
Cancer,	2,871

Diseases of the Nervous System, etc.:—

Cerebral congestion and hemorrhage,	3,128
Meningitis (simple),	654
Paralysis,	222

Diseases of the Circulatory Apparatus : —	
Heart Disease, including acute endocarditis,	5,504
Diseases of the Respiratory System : —	
Pneumonia,	4,507
Bronchitis,	1,096
Diseases of the Digestive Apparatus : —	
Diarrhœa,	3,352
Diseases of the Genito-urinary Apparatus, etc. : —	
Nephritis,	1,921
Bright's Disease,	961
The Puerperal State : —	
Puerperal septicæmia,	89
Albuminuria and puerperal eclampsia,	105
Diseases of the Skin and Cellular Tissue: —	
Gangrene,	140
Diseases of the Organs of Locomotion: —	
Affection of the bones (non-tuberculous), etc.,	89
Malformations: —	
Malformations,	285
Early Infancy: —	
Congenital icterus, sclerema, etc.,	3,347
Old Age: —	
Old Age (not a disease),	840
Affections produced by External Causes: —	
Accidental traumatism (including 436 cases of suicide),	2,578
Ill-defined Diseases: —	
Unspecified causes,	160

Pulmonary consumption (4,393), pneumonia (4,157) and heart disease (5,504) show, as usual, the largest number of deaths from any of the causes reported.

In Table 63 is presented the mortality of each sex from several specified causes in each month for different specified periods of life. In the majority of diseases the largest number of deaths occurred where the age was under five years.

In consumption naturally the greatest number of deaths occurred between twenty and fifty years of age, more than twice the number occurring at all other periods of life.

TABLE 63. — *Number of Deaths from Several Specified Causes, of Each Sex, in Each Month and at Different Specified Periods of Life, which were Registered during the Year 1909.*

THE YEAR 1909.										
	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Mem-braneous Croup.	Typhoid Fever.	Dysentery.	Pulmonary Tuber- culosis.	Pneumonia.	Diarrhoea and Enteritis.
Totals,	1	157	259	603	91	390	215	4,393	4,157	3,352
Males,	1	86	109	311	56	241	98	2,353	2,136	1,755
Females,	—	71	150	292	35	149	117	2,040	2,021	1,596
January,	—	10	39	75	10	25	4	393	551	66
February,	—	15	22	51	5	12	—	379	490	55
March,	—	25	34	59	11	16	7	431	656	89
April,	—	26	26	31	6	15	2	387	486	75
May,	—	19	27	38	8	21	5	443	385	85
June,	—	17	28	39	3	21	6	328	234	139
July,	—	14	17	32	1	23	23	339	111	633
August,	—	11	13	31	2	40	54	338	122	1,043
September,	1	4	6	39	7	50	57	320	110	646
October,	—	3	17	55	7	76	33	321	213	304
November,	—	4	12	61	13	46	15	315	342	132
December,	—	9	18	92	14	45	9	399	457	85

In the preceding tables the statistics of the mortality of the Commonwealth have been shown for periods of ten and twenty years.

In many of the following tables the statistics cover longer periods. Table 64, for instance, shows the mortality from small-pox during fifty-nine years. In these tables the percentage to 10,000 living is given for the census years only.

During 1909 there was only 1 death from small-pox. The only years in which the State of Massachusetts has been exempt from small-pox since 1851 were 1886, 1895, 1896, 1898 and 1906. The most noteworthy epidemic during the period of fifty-nine years was in 1872-73; since that time until the present year the deaths from that disease have been comparatively few, with the exception of 1902.

TABLE 64. — *Mortality from Small-pox. — Fifty-nine Years, 1851-1909.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from All Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from All Causes.	Death-rates per 10,000 Living.
1851, . .	117	.610	—	1881, . .	47	.130	—
1852, . .	33	.180	—	1882, . .	45	.120	—
1853, . .	38	.190	—	1883, . .	5	.010	—
1854, . .	207	.970	—	1884, . .	3	.008	—
1855, . .	325	1.560	2.9	1885, . .	19	.050	.100
1856, . .	140	.680	—	1886, . .	—	—	—
1857, . .	23	.110	—	1887, . .	3	.007	—
1858, . .	12	.100	—	1888, . .	8	.019	—
1859, . .	255	1.220	—	1889, . .	6	.014	—
1860, . .	334	1.450	2.7	1890, . .	1	.002	.005
1861, . .	33	.140	—	1891, . .	3	.006	—
1862, . .	40	.170	—	1892, . .	2	.004	—
1863, . .	42	.150	—	1893, . .	9	.018	—
1864, . .	242	.840	—	1894, . .	33	.070	—
1865, . .	221	.840	1.7	1895, . .	—	—	—
1866, . .	141	.590	—	1896, . .	—	—	—
1867, . .	196	.820	—	1897, . .	4	.008	—
1868, . .	20	.080	—	1898, . .	—	—	—
1869, . .	59	.220	—	1899, . .	14	.029	—
1870, . .	131	.480	.9	1900, . .	3	.006	.010
1871, . .	294	1.050	—	1901, . .	97	.201	—
1872, . .	1,029	2.940	—	1902, . .	284	.598	—
1873, . .	668	1.970	—	1903, . .	22	.040	—
1874, . .	26	.080	—	1904, . .	9	.018	—
1875, . .	34	.090	.2	1905, . .	2	.004	.007
1876, . .	31	.090	—	1906, . .	—	—	—
1877, . .	24	.080	—	1907, . .	6	.001	—
1878, . .	2	.007	—	1908, . .	3	.000	—
1879, . .	7	.020	—	1909, . .	1	.000	—
1880, . .	38	.110	.210				

Measles.—Table 65 presents the mortality from measles for a period of forty-nine years. The highest rate per 10,000 living in census years during this period was 1.8, in 1870, and the lowest in 1895. The smallest number of deaths was in 1879, when only 19 deaths were reported.

TABLE 65. — *Mortality from Measles. — Forty-nine Years, 1861–1909.*

YEARS.	Deaths.	Deaths to 100 Deaths from All Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Deaths to 100 Deaths from All Causes.	Death-rates per 10,000 Living.
1861, . . .	209	.86	—	1886, . . .	130	.35	—
1862, . . .	369	1.59	—	1887, . . .	455	1.12	—
1863, . . .	142	.51	—	1888, . . .	219	.52	—
1864, . . .	320	1.13	—	1889, . . .	171	.41	—
1865, . . .	136	.52	1.1	1890, . . .	114	.26	.5
1866, . . .	109	.46	—	1891, . . .	236	.51	—
1867, . . .	194	.85	—	1892, . . .	88	.18	—
1868, . . .	287	1.12	—	1893, . . .	276	.56	—
1869, . . .	222	.85	—	1894, . . .	98	.21	—
1870, . . .	269	.98	1.8	1895, . . .	117	.24	.4
1871, . . .	131	.47	—	1896, . . .	137	.28	—
1872, . . .	428	1.22	—	1897, . . .	158	.33	—
1873, . . .	180	.53	—	1898, . . .	82	.18	—
1874, . . .	161	.50	—	1899, . . .	241	.51	—
1875, . . .	233	.67	1.4	1900, . . .	330	.64	1.2
1876, . . .	47	.14	—	1901, . . .	173	.36	—
1877, . . .	135	.44	—	1902, . . .	333	.70	—
1878, . . .	305	1.00	—	1903, . . .	247	.50	—
1879, . . .	19	.06	—	1904, . . .	160	.33	—
1880, . . .	236	.67	1.3	1905, . . .	177	.35	.6
1881, . . .	230	.63	—	1906, . . .	208	.39	—
1882, . . .	68	.19	—	1907, . . .	163	.30	—
1883, . . .	321	.85	—	1908, . . .	331	.64	—
1884, . . .	75	.23	—	1909, . . .	157	.31	—
1885, . . .	313	.82	1.6				

Scarlet-fever.—Table 66 shows that the number of deaths registered from this disease in 1909 was 259, which was 110 less than that of 1908. This is the smallest number since 1899, except 1904, 1905 and 1906.

As compared with 1908, the returns show a decrease in the mortality from scarlet-fever in all the counties except Essex, Middlesex, Nantucket, Norfolk and Plymouth. There were no deaths in either year from this cause in Barnstable and Dukes counties. Franklin county reports the same number of deaths from this cause as in 1908.

TABLE 66. — *Mortality from Scarlet-fever, by Counties, 1908 and 1909.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1908.	1909.		1908.	1909.
Barnstable, . . .	—	—	Middlesex, . . .	44	56
Berkshire, . . .	7	5	Nantucket, . . .	—	1
Bristol, . . .	60	16	Norfolk, . . .	4	7
Dukes, . . .	—	—	Plymouth, . . .	—	7
Essex, . . .	18	20	Suffolk, . . .	120	83
Franklin, . . .	2	2	Worcester, . . .	71	27
Hampden, . . .	36	31			
Hampshire, . . .	7	4	The State, . . .	369	259

In Table 67 is presented the mortality from scarlet-fever from 1861–1909, with percentages of deaths to deaths from all causes, and the death-rates per 10,000 living inhabitants in census years.

TABLE 67. — *Mortality from Scarlet-fever, 1861–1909.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from All Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from All Causes.	Death-rates per 10,000 Living.
1861, . . .	1,137	4.66	—	1886, . . .	331	.89	—
1862, . . .	1,261	5.42	—	1887, . . .	594	1.46	—
1863, . . .	1,399	5.01	—	1888, . . .	504	1.19	—
1864, . . .	1,503	5.21	—	1889, . . .	185	.44	—
1865, . . .	807	3.06	6.4	1890, . . .	196	.45	.87
1866, . . .	385	1.58	—	1891, . . .	246	.54	—
1867, . . .	828	3.63	—	1892, . . .	669	1.37	—
1868, . . .	1,369	5.35	—	1893, . . .	810	1.65	—
1869, . . .	1,405	5.39	—	1894, . . .	649	1.38	—
1870, . . .	683	2.49	4.7	1895, . . .	483	1.01	1.93
1871, . . .	867	3.10	—	1896, . . .	249	.50	—
1872, . . .	1,377	3.93	—	1897, . . .	342	.72	—
1873, . . .	1,472	4.34	—	1898, . . .	141	.30	—
1874, . . .	1,382	4.33	—	1899, . . .	235	.49	—
1875, . . .	1,684	4.81	10.2	1900, . . .	330	.64	1.21
1876, . . .	1,222	3.79	—	1901, . . .	385	.80	—
1877, . . .	467	1.53	—	1902, . . .	313	.66	—
1878, . . .	404	1.33	—	1903, . . .	510	1.04	—
1879, . . .	850	2.63	—	1904, . . .	138	.28	—
1880, . . .	574	1.63	3.2	1905, . . .	117	.20	.39
1881, . . .	397	1.09	—	1906, . . .	135	.27	—
1882, . . .	318	.87	—	1907, . . .	285	.53	—
1883, . . .	575	1.52	—	1908, . . .	369	.71	—
1884, . . .	627	1.69	—	1909, . . .	259	.51	—
1885, . . .	587	1.54	3.00				

Diphtheria and Croup. — The number of deaths from these combined causes in 1909 was 694, which was 53 less than the number reported in 1908.

In Table 68 is stated the number of deaths by counties from these combined causes in 1908 and 1909.

TABLE 68. — *Deaths from Diphtheria and Croup, by Counties, 1908 and 1909.*

COUNTIES.	DEATHS FROM DIPHTHERIA AND CROUP.		COUNTIES.	DEATHS FROM DIPHTHERIA AND CROUP.	
	1908.	1909.		1908.	1909.
Barnstable, . . .	1	4	Middlesex, . . .	141	142
Berkshire, . . .	10	8	Nantucket, . . .	—	—
Bristol, . . .	38	51	Norfolk, . . .	35	21
Dukes, . . .	—	—	Plymouth, . . .	16	17
Essex, . . .	82	101	Suffolk, . . .	229	201
Franklin, . . .	4	5	Worcester, . . .	107	69
Hampden, . . .	69	64			
Hampshire, . . .	15	11	The State, . . .	747	694

In Table 69 is shown the mortality from diphtheria and croup, with percentages and deaths, to every 10,000 living, for a period of forty-nine years, in census years.

TABLE 69. — *Mortality from Diphtheria and Croup. — Forty-nine Years, 1861-1909.*

YEARS.	DEATHS.			PERCENTAGES OF DEATHS FROM ALL CAUSES.			DEATHS TO EVERY 10,000 LIVING.		
	Croup.	Diph- theria.	Totals.	Croup.	Diph- theria.	Totals.	Croup.	Diph- theria.	Totals.
1861, . . .	461	643	1,104	1.89	2.64	4.53	—	—	—
1862, . . .	448	663	1,147	2.08	2.85	4.93	—	—	—
1863, . . .	864	1,420	2,284	3.09	5.08	8.17	—	—	—
1864, . . .	768	1,231	1,999	2.66	4.27	6.93	—	—	—
1865, . . .	504	672	1,176	1.91	2.56	4.47	4.0	5.3	9.3
1866, . . .	431	399	830	1.79	1.65	3.44	—	—	—

TABLE 69. — *Mortality from Diphtheria and Croup. — Forty-nine Years, 1861–1909 — Concluded.*

YEARS.	DEATHS.			PERCENTAGES OF DEATHS FROM ALL CAUSES.			DEATHS TO EVERY 10,000 LIVING.		
	Croup.	Diph- theria.	Totals.	Croup.	Diph- theria.	Totals.	Croup.	Diph- theria.	Totals.
1867, . . .	366	251	607	1.53	1.07	2.60	—	—	—
1868, . . .	485	297	782	1.92	1.18	3.10	—	—	—
1869, . . .	473	296	769	1.84	1.15	2.99	—	—	—
1870, . . .	434	242	676	1.61	.89	2.50	2.9	1.7	4.6
1871, . . .	473	274	747	1.69	.97	2.66	—	—	—
1872, . . .	480	273	753	1.38	.78	2.16	—	—	—
1873, . . .	435	310	745	1.28	.92	2.20	—	—	—
1874, . . .	411	502	913	1.28	1.56	2.84	—	—	—
1875, . . .	680	1,200	1,880	1.92	3.39	5.31	4.1	7.3	11.4
1876, . . .	684	2,610	3,294	2.13	8.11	10.24	—	—	—
1877, . . .	544	2,634	3,178	1.78	8.65	10.43	—	—	—
1878, . . .	583	1,934	2,517	1.91	6.35	8.26	—	—	—
1879, . . .	559	1,734	2,293	1.69	5.24	6.93	—	—	—
1880, . . .	625	1,769	2,394	1.77	5.01	6.78	3.6	9.9	13.5
1881, . . .	677	1,706	2,383	1.88	4.67	6.55	—	—	—
1882, . . .	491	1,280	1,771	1.33	3.48	4.81	—	—	—
1883, . . .	530	1,091	1,621	1.40	2.89	4.29	—	—	—
1884, . . .	562	1,084	1,646	1.52	2.93	4.45	—	—	—
1885, . . .	520	1,003	1,523	1.36	2.62	3.98	2.7	5.1	7.8
1886, . . .	505	1,053	1,558	1.36	2.82	4.18	—	—	—
1887, . . .	532	1,096	1,628	1.30	2.68	3.99	—	—	—
1888, . . .	500	1,331	1,831	1.19	3.16	4.35	—	—	—
1889, . . .	484	1,730	2,214	1.16	4.14	5.30	—	—	—
1890, . . .	387	1,239	1,626	.89	2.85	3.74	1.7	5.5	7.3
1891, . . .	311	907	1,218	.69	2.01	2.70	—	—	—
1892, . . .	350	1,105	1,455	.72	2.26	2.98	—	—	—
1893, . . .	322	1,072	1,394	.66	2.18	2.84	—	—	—
1894, . . .	293	1,508	1,801	.63	3.22	3.85	—	—	—
1895, . . .	352	1,432	1,784	.74	3.01	3.75	1.4	5.7	7.1
1896, . . .	353	1,324	1,677	.71	2.68	3.39	—	—	—
1897, . . .	319	1,107	1,426	.67	2.33	3.00	—	—	—
1898, . . .	158	548	706	.34	1.17	1.51	—	—	—
1899, . . .	181	866	1,047	.38	1.81	2.19	—	—	—
1900, . . .	186	1,289	1,475	.36	2.52	2.88	.66	4.59	5.25
1901, . . .	188	978	1,166	.39	2.02	2.41	—	—	—
1902, . . .	130	743	873	.27	1.56	1.83	—	—	—
1903, . . .	123	746	869	.25	1.52	1.77	—	—	—
1904, . . .	107	592	699	.22	1.22	1.44	—	—	—
1905, . . .	93	559	652	.18	1.11	1.29	.39	1.86	2.25
1906, . . .	89	654	743	.18	1.29	1.47	—	—	—
1907, . . .	87	665	752	.16	1.21	1.39	—	—	—
1908, . . .	85	662	747	.16	1.28	1.44	—	—	—
1909, . . .	91	603	594	.48	1.35	1.93	—	—	—

In the reports for 1907 and 1908 there were published some statistics and a chart showing apparently the reason for the great decrease in the number of deaths from diphtheria. These statistics, furnished through the kindness of Dr. McCollom, superintendent of the Boston City Hospital and formerly in charge of the South Department, devoted to contagious diseases, seemed to show that the use of antitoxin had played a very important part in the diminution in the number of deaths from diphtheria. A Boston physician in a communication to the "New York Medical Times" appears to think that too much prominence has been given to this treatment, and seems to think that the number of alleged recoveries from this disease are rather due to mistaken diagnosis than to anything else. The editor does not presume to take sides in any such controversy, but it does seem to him that it is hardly likely that there should have been so many cases of mistaken diagnosis in an institution of this kind, under the charge of such skillful physicians; but, even if such be the case, one thing is certain, no matter how many recoveries are reported from diphtheria, correctly or incorrectly diagnosticated, the fact remains that the number of deaths from this disease reported has enormously diminished since the introduction of the antitoxin treatment. Therefore, whether Dr. Page's criticism on the results claimed for this form of treatment is just or not, there can be no question that there has been a great diminution in the death-rate from this much dreaded disease.

Typhoid Fever. — The number of deaths from this disease in 1909 was 390, which was the lowest number since registration. Its percentage of deaths to deaths from all causes was 0.76.

Table 70 presents the statistics of deaths from this disease for forty-nine years, 1861–1909.

In Table 71 are presented the deaths by counties for ten years, from 1900 to 1909.

TABLE 70. — *Mortality from Typhoid Fever. — Forty-nine Years, 1861–1909.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from All Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from All Causes.	Death-rates per 10,000 Living.
1861, . .	989	4.06	—	1886, . .	800	2.15	—
1862, . .	1,135	4.88	—	1887, . .	922	2.26	—
1863, . .	1,442	5.16	—	1888, . .	943	2.24	—
1864, . .	1,344	4.66	—	1889, . .	891	2.13	—
1865, . .	1,694	6.43	13.4	1890, . .	835	1.92	3.7
1866, . .	1,091	4.53	—	1891, . .	821	1.82	—
1867, . .	965	4.24	—	1892, . .	827	1.69	—
1868, . .	896	3.49	—	1893, . .	750	1.60	—
1869, . .	1,205	4.62	—	1894, . .	748	1.60	—
1870, . .	1,333	4.88	9.1	1895, . .	680	1.43	2.7
1871, . .	1,116	3.99	—	1896, . .	723	1.46	—
1872, . .	1,703	4.86	—	1897, . .	607	1.28	—
1873, . .	1,406	4.15	—	1898, . .	663	1.42	—
1874, . .	1,147	3.56	—	1899, . .	612	1.28	—
1875, . .	1,059	3.06	6.4	1900, . .	632	1.23	2.2
1876, . .	881	2.74	—	1901, . .	561	1.16	—
1877, . .	814	2.67	—	1902, . .	538	1.13	—
1878, . .	679	2.23	—	1903, . .	527	1.07	—
1879, . .	637	1.94	—	1904, . .	463	0.95	—
1880, . .	882	2.49	4.9	1905, . .	520	1.03	1.8
1881, . .	1,072	2.94	—	1906, . .	477	0.94	—
1882, . .	1,079	2.94	—	1907, . .	389	0.72	—
1883, . .	860	2.28	—	1908, . .	517	0.99	—
1884, . .	875	2.35	—	1909, . .	390	0.76	—
1885, . .	768	2.02	3.9				

TABLE 71.—Deaths from Typhoid Fever, by Counties, 1900–1909.

COUNTIES.	DEATHS.									
	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.
Barnstable,	3	3	5	1	7	4	2	1	2	3
Berkshire, .	27	26	34	25	25	31	18	22	17	17
Bristol, .	70	65	45	76	41	31	35	42	49	62
Dukes, .	2	—	—	—	2	1	1	—	—	1
Essex,	68	69	77	83	66	92	80	82	87	49
Franklin, .	12	7	2	5	8	2	10	4	1	1
Hampden, .	55	37	32	37	28	33	30	33	35	27
Hampshire,	16	6	5	8	4	8	9	10	5	2
Middlesex,	106	92	91	89	75	90	76	64	81	63
Nantucket,	—	—	1	—	—	—	—	—	—	—
Norfolk, .	21	15	25	19	15	16	13	4	14	16
Plymouth,	28	19	15	17	19	23	18	9	15	14
Suffolk, .	152	148	149	126	139	128	135	68	164	99
Worcester,	72	74	57	41	34	61	50	50	47	36
The State,	632	561	538	527	463	520	477	389	517	390

Consumption. — The number of deaths registered from consumption in 1909 was 4,393, which was 52 less than the number registered in the previous year, and the lowest number of deaths since registration began. In the following table, where the mortality from this disease is given for a period of thirty-seven years, it will be observed that up to 1905 there has been a pretty steady decrease in the death-rate per 10,000 of the population. The average death-rate of pulmonary consumption for the decade 1871–1880 was 32.7; the decade 1881–1890, 29.2, and the ten-year period 1891–1900, 21.4. In Table 73 a comparison of the years 1908 and 1909 shows that the number of deaths from this cause was less in 1909 in half of the counties, Berkshire, Essex, Franklin, Hampden, Hampshire, Nantucket and Plymouth showing an increase.

TABLE 72. — *Mortality from Pulmonary Consumption. — Thirty-seven Years, 1873–1909.*

YEARS.	Deaths.	Death-rate per 10,000 of Population.	YEARS.	Deaths.	Death-rate per 10,000 of Population.
1873, . . .	5,556	—	1892, . . .	5,729	—
1874, . . .	5,284	—	1893, . . .	5,527	—
1875, . . .	5,738	34.7	1894, . . .	5,463	—
1876, . . .	5,327	—	1895, . . .	5,586	21.90
1877, . . .	5,457	—	1896, . . .	5,536	—
1878, . . .	5,334	—	1897, . . .	5,431	—
1879, . . .	5,223	—	1898, . . .	5,288	—
1880, . . .	5,494	30.8	1899, . . .	5,221	—
1881, . . .	5,886	—	1900, . . .	5,199	18.50
1882, . . .	5,865	—	1901, . . .	5,033	—
1883, . . .	5,931	—	1902, . . .	4,685	—
1884, . . .	5,798	—	1903, . . .	4,531	—
1885, . . .	5,955	30.7	1904, . . .	4,874	—
1886, . . .	5,897	—	1905, . . .	4,702	15.65
1887, . . .	5,871	—	1906, . . .	4,608	—
1888, . . .	5,728	—	1907, . . .	4,771	—
1889, . . .	5,581	—	1908, . . .	4,445	—
1890, . . .	5,791	25.9	1909, . . .	4,393	—
1891, . . .	5,484	—			

TABLE 73. — *Mortality from Pulmonary Consumption, by Counties, 1908 and 1909.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1908.	1909.		1908.	1909.
Barnstable, . . .	33	32	Middlesex, . . .	1,120	1,067
Berkshire, . . .	101	116	Nantucket, . . .	—	6
Bristol, . . .	395	392	Norfolk, . . .	177	172
Dukes, . . .	4	1	Plymouth, . . .	146	164
Essex, . . .	515	518	Suffolk, . . .	1,122	1,089
Franklin, . . .	24	28	Worcester, . . .	513	478
Hampden, . . .	235	266			
Hampshire, . . .	60	64	The State, . . .	4,445	4,393

Pneumonia. — The number of deaths from pneumonia in 1909 was 4,157, an increase of 113 as compared with the preceding year. During the first quarter of the year there were 40.82 per cent. of all the deaths from this cause, 25.59 per cent. in the second quarter, 8.25 per cent. in the third quarter and 24.34 per cent. in the fourth quarter of the year.

TABLE 74. — *Mortality from Pneumonia, by Months and Quarters, 1909.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months, . . .	551	490	656	486	385	234	111	122	110	213	342	457
Quarters, . . .	1,697			1,105			343			1,012		
Percentages, . . .	40.82			25.59			8.25			24.34		

TABLE 75. — *Deaths from Pneumonia, by Counties, 1908 and 1909.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1908.	1909.		1908.	1909.
Barnstable, . . .	22	21	Middlesex, . . .	765	820
Berkshire, . . .	137	119	Nantucket, . . .	4	—
Bristol, . . .	432	431	Norfolk, . . .	184	155
Dukes, . . .	2	—	Plymouth, . . .	131	151
Essex, . . .	485	551	Suffolk, . . .	1,091	1,032
Franklin, . . .	41	39	Worcester, . . .	398	468
Hampden, . . .	280	311			
Hampshire, . . .	72	59	The State, . . .	4,044	4,157

In 1909 in Essex and Middlesex there was an increase in the number of deaths from pneumonia over 1908. All the other counties show a decrease.

Whooping-cough. — The deaths from this disease in 1909 were 250, 38 less than in the previous year, and 53 less than the average of the decennial period 1900–1909.

TABLE 76. — *Mortality from Whooping-cough, by Counties, 1900-1909.*

COUNTIES.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.
Barnstable,	5	2	4	4	-	-	3	4	2	-
Berkshire,	7	9	8	13	3	26	3	21	1	8
Bristol,	34	1	51	44	6	33	39	29	38	36
Dukes,	-	-	-	-	-	-	-	-	1	-
Essex,	42	18	38	76	12	15	82	21	52	29
Franklin,	1	3	8	2	-	-	1	4	-	-
Hampden,	21	37	11	46	18	6	60	28	9	20
Hampshire,	11	2	7	8	2	1	4	6	12	4
Middlesex,	57	62	39	105	9	45	92	42	63	43
Nantucket,	-	-	-	-	-	-	-	1	-	-
Norfolk,	7	7	15	23	4	3	36	8	6	12
Plymouth,	7	2	16	13	1	5	28	5	8	10
Suffolk,	81	42	97	119	23	34	126	30	62	38
Worcester,	64	25	43	66	39	50	35	44	34	50
The State,	337	210	337	519	117	218	509	243	288	250

Alcoholism. — The number of deaths recorded in 1909 as due to this cause, including delirium tremens, was 174, an increase of 60 deaths, as compared with the number reported in 1908. There is a marked difference, in the number of deaths reported from this cause, between the returns of the registrars and those of the medical examiners (88).

Of the whole number of deaths from this cause, 142, or 81.6 per cent., were of men; and 32, or 18.4 per cent., were of women.

TABLE 77. — *Deaths from Alcoholism, 1873-1909.*

YEARS.	Deaths.	Ratios to Total Mortality.	Death-rates per 100,000 Living.	YEARS.	Deaths.	Ratios to Total Mortality.	Death-rates per 100,000 Living.
1873, . . .	109	3.2	—	1892, . . .	193	3.9	—
1874, . . .	107	3.3	—	1893, . . .	205	4.2	—
1875, . . .	87	2.5	5.2	1894, . . .	150	3.2	—
1876, . . .	86	2.6	—	1895, . . .	178	3.7	7.1
1877, . . .	52	1.6	—	1896, . . .	195	4.0	—
1878, . . .	65	2.1	—	1897, . . .	139	2.9	—
1879, . . .	68	2.1	—	1898, . . .	161	3.5	—
1880, . . .	112	3.2	6.3	1899, . . .	170	3.6	—
1881, . . .	123	3.3	—	1900, . . .	226	4.4	8.0
1882, . . .	126	3.4	—	1901, . . .	179	3.7	—
1883, . . .	113	2.9	—	1902, . . .	171	3.6	—
1884, . . .	125	3.4	—	1903, . . .	195	3.9	—
1885, . . .	122	3.2	6.3	1904, . . .	162	3.3	—
1886, . . .	108	2.9	—	1905, . . .	184	3.6	6.1
1887, . . .	111	2.7	—	1906, . . .	161	3.2	—
1888, . . .	126	2.9	—	1907, . . .	218	4.0	—
1889, . . .	122	2.9	—	1908, . . .	114	2.2	—
1890, . . .	151	3.5	6.7	1909, . . .	174	3.4	—
1891, . . .	182	4.0	—				

The August, 1910, number of the "New York Medical Times," from which a quotation has previously been made, has the following interesting editorial. "In connection with the subject of alcoholism the results of the researches of Prof. Karl Pearson and Miss Ethel Elderton, a Galton research scholar in the University of London, are most interesting, especially if future investigations should confirm their results and deductions. The general impression that any untoward heredity can be overcome — except alcoholism — has so

long prevailed, and the popular mind has been so filled with the evils of drink as manifested in the offspring, that it will be hard to convince the man on the street that 'rum did (not) do it' until we have something further." For the following the editor is indebted to the journal above mentioned:—

Some 3,600 children of working-class parentage in Edinburgh and Manchester were studied, with results quite subversive of prevalent opinions regarding the deleterious effect of alcoholism on the victim's offspring. It was found by these students, to begin with, that, as wage-earners, the alcoholic parents are only a trifling percentage behind the non-drinkers,—which would argue, if anything, a slight superiority in physique and intelligence over the abstinent class, since the drink habit is in itself apt to be penalized by a lower wage.

Considering next the children, we are informed that there is a higher death-rate among those of alcoholic parents than among other children; but this is no doubt due primarily to parental neglect, and only in a minor degree, it would seem, to inherited toxic degeneration. The two classes stand even as between height and weight; and the general health of the children of alcoholic parents appears on the whole slightly better than that of the children of sober parents. There are fewer delicate children among the "alcoholic" offspring, and tuberculosis and epilepsy are markedly less frequent; and this is partially explained on the hypothesis that the physically stronger parents in a community have the stronger craving for drink, and partly also by the fact of the higher death-rate among the children of the alcoholic, which eliminates the weaklings. Alcoholism reveals no connection with abnormal or defective eyesight; nor is it the source of mental defect in children. This report, which tends to revolutionize our ideas regarding the heredity of alcoholism, is of course not sufficiently comprehensive to be conclusive; yet its importance is not to be gainsaid. It sums up: "No marked relation has been found between the intelligence, physique or disease of the offspring and parental alcoholism in any of the categories investigated."

In Table 78 are presented the statistics of deaths by cancer for a period of thirty-five years; and from this table it appears that the rate in the census years per 10,000 of population has increased from 3.5 in 1875 to 8.3 in 1905, the highest since the commencement of registration. The deaths of females from this cause comprise 66 per cent. of the total deaths from cancer.

TABLE 78. — *Mortality from Cancer, for Thirty-five Years, 1875-1909.*

YEARS.	Deaths.	Death-rates per 10,000 of Population.	YEARS.	Deaths.	Death-rates per 10,000 of Population.
1875, . . .	593	3.5	1893, . . .	1,533	—
1876, . . .	657	—	1894, . . .	1,568	—
1877, . . .	646	—	1895, . . .	1,749	7.0
1878, . . .	807	—	1896, . . .	1,798	—
1879, . . .	862	—	1897, . . .	1,739	—
1880, . . .	928	5.6	1898, . . .	1,907	—
1881, . . .	949	—	1899, . . .	1,838	—
1882, . . .	987	—	1900, . . .	1,998	7.1
1883, . . .	1,026	—	1901, . . .	2,080	—
1884, . . .	1,060	—	1902, . . .	2,141	—
1885, . . .	1,087	5.6	1903, . . .	2,243	—
1886, . . .	1,104	—	1904, . . .	2,421	—
1887, . . .	1,174	—	1905, . . .	2,501	8.3
1888, . . .	1,275	—	1906, . . .	2,603	—
1889, . . .	1,325	—	1907, . . .	2,744	—
1890, . . .	1,387	6.2	1908, . . .	2,814	—
1891, . . .	1,395	—	1909, . . .	2,871	—
1892, . . .	1,402	—			

In Table 79 are presented the statistics of deaths from Bright's disease, nephritis, other kidney diseases and dropsy, with the ratios to the total mortality. In this table, dropsy, which is only a symptom of disease, was in the earlier years of registration largely certified as a cause of death. It has materially decreased since 1882, so that in 1900, 1901 and 1902 there were no deaths ascribed to this cause. In 1909 dropsy was certified as a cause of death in only 14 instances. This decrease is due to a more accurate diagnosis.

Diseases of the Kidneys. — For reasons set forth in the report of 1886, the diseases of the kidneys are considered in one group.

TABLE 79. — *Mortality from Bright's Disease, Nephritis and Other Kidney Diseases, and from Dropsy, and Ratios to Total Mortality, Fifty-nine Years, 1851-1909.*

YEARS.	Total Mortality.	Deaths from Bright's Disease, Nephritis and Other Kidney Diseases.	Ratio to Total Mor- tality per 1,000.	Deaths from Dropsy.	Ratio to Total Mor- tality per 1,000.	TOTALS.	Ratio to Total Mor- tality per 1,000.
1851,	18,934	27	1.4	390	20.6	417	22.0
1852,	18,482	32	1.7	418	22.6	450	24.3
1853,	20,301	35	1.7	465	22.9	500	24.6
1854,	21,414	38	1.8	474	22.1	512	23.9
1855,	20,798	56	2.7	501	24.1	557	26.8
1856,	20,734	51	2.5	487	23.4	538	25.9
1857,	21,280	45	2.1	512	24.1	557	26.2
1858,	20,776	42	2.0	481	23.2	538	25.2
1859,	20,976	56	2.7	522	24.9	578	27.6
1860,	23,068	67	2.9	470	20.4	537	23.3
1861,	24,085	91	3.7	440	18.3	531	22.0
1862,	22,974	96	4.2	467	20.3	563	24.5
1863,	27,751	111	4.0	533	19.2	644	23.2
1864,	28,723	130	4.5	502	17.5	632	22.0
1865,	26,152	173	6.6	492	18.8	665	25.4
1866,	23,637	135	5.7	462	19.5	597	25.2
1867,	22,772	161	7.1	421	18.5	582	25.6
1868,	25,603	206	8.0	470	18.4	676	26.4
1869,	26,054	239	9.2	458	17.6	697	26.8
1870,	27,329	286	10.5	491	17.9	777	28.4
1871,	27,943	370	13.2	527	18.9	897	32.1
1872,	35,019	376	10.7	618	17.6	994	28.3
1873,	33,912	460	13.5	545	16.1	1,005	29.6
1874,	31,887	463	14.5	469	14.7	932	29.2
1875,	34,978	509	14.5	474	13.6	983	28.1
1876,	33,186	488	14.7	445	13.4	933	28.1
1877,	31,342	535	17.1	412	13.1	947	30.2
1878,	31,303	615	19.6	370	11.8	985	31.4
1879,	31,801	693	21.8	380	11.9	1,073	33.7
1880,	35,292	698	19.7	271	7.7	969	27.4
1881,	36,458	825	22.6	292	8.0	1,117	30.6
1882,	36,785	877	23.8	313	8.5	1,190	32.3
1883,	37,748	959	25.4	296	7.8	1,255	33.2
1884,	36,990	1,000	27.0	234	6.3	1,234	33.3
1885,	38,094	1,088	28.6	244	6.4	1,332	35.0
1886,	37,244	1,135	30.5	219	5.9	1,354	36.4
1887,	40,763	1,120	27.4	212	5.2	1,332	32.7
1888,	42,097	1,318	31.3	204	4.8	1,522	36.2
1889,	41,777	1,258	30.1	161	3.8	1,419	33.9
1890,	43,528	1,273	30.0	175	4.0	1,448	33.3
1891,	45,185	1,474	32.6	166	3.7	1,640	36.3
1892,	48,762	1,535	31.5	130	2.7	1,665	34.1
1893,	49,084	1,637	32.3	161	3.3	1,798	36.6
1894,	46,791	1,721	36.8	123	2.6	1,844	39.4
1895,	47,540	1,860	39.1	88	1.8	1,948	41.0
1896,	49,381	1,945	39.4	122	2.5	2,067	41.9
1897,	47,419	1,943	41.0	88	1.9	2,031	42.9
1898,	46,761	2,120	45.3	85	1.8	2,205	47.2
1899,	47,710	2,151	45.1	69	1.4	2,220	46.5
1900,	51,156	2,259	44.2	—	—	2,259	44.2
1901,	48,275	2,356	44.8	—	—	2,356	44.8
1902,	47,491	2,341	49.3	—	—	2,341	49.3
1903,	49,054	2,617	53.3	39	.8	2,656	54.0
1904,	48,482	2,561	52.8	49	1.0	2,610	53.8
1905,	50,486	2,563	50.8	26	.5	2,589	51.3
1906,	50,624	2,571	50.8	22	.4	2,593	51.2
1907,	54,234	2,818	52.0	15	.3	2,833	52.2
1908,	51,788	2,617	50.5	11	.3	2,628	50.7
1909,	51,276	2,941	51.4	14	.3	2,958	57.9

Heart Disease. — In Table 80 are presented the deaths from heart disease, combining acute endocarditis and organic (chronic) heart disease, and the ratios by sexes, for the census years from 1850 to 1905. The great mortality from this disease will be observed from this table. In 1850 the ratio to 10,000 of population was 3.54; in 1905 the ratio was 18.08. The ratio of males to females in each 10,000 of population was 18.45 to 17.92 from this cause in 1905.

TABLE 80. — *Deaths from Heart Disease, and Ratios by Sexes, Census Years, 1850-1905.*

YEARS.	DEATHS FROM HEART DISEASE.			Sex Un-known.	RATIOS TO 10,000 OF LIVING POPULATION.			Percentage of Total Mortality.
	Males.	Females.	Totals.		Males.	Females.	Totals.	
1850, . .	182	169	352	1	3.72	3.34	3.54	2.12
1855, . .	296	225	521	—	5.38	3.86	4.60	2.51
1860, . .	344	346	690	—	5.76	5.46	5.61	2.99
1865, . .	426	379	805	—	7.07	5.69	6.35	3.07
1870, . .	514	447	962	1	7.30	5.93	6.60	3.52
1875, . .	649	681	1,331	1	8.17	7.82	8.06	3.80
1880, . .	876	850	1,726	—	10.20	9.19	9.68	4.89
1885, . .	1,117	1,110	2,227	—	11.97	11.00	11.46	5.85
1890, . .	1,695	1,722	3,417	—	15.58	14.95	15.26	7.85
1895, . .	1,824	1,742	3,566	—	15.01	13.55	14.26	7.50
1900, . .	1,914	1,920	3,834	—	13.99	13.35	13.67	7.49
1905, . .	2,697	2,733	5,430	—	18.45	17.92	18.08	10.75

Malarial Fevers. — From fever intermittent and malarial cachexia there were reported, in 1909, 20 deaths, occurring in the counties of Barnstable, Essex, Hampden, Middlesex, Norfolk, Plymouth, Suffolk and Worcester. Middlesex County reported the largest number.

Syphilis. — From this disease, including locomotor ataxia (67), there were reported 187 deaths, the largest number occurring in Bristol, Essex, Middlesex and Suffolk counties.

Hydrophobia. — There were 5 deaths from hydrophobia reported in 1909, 1 in Essex, 1 in Middlesex, and 3 in Suffolk.

Anthrax or Malignant Pustule. — There was 1 death from anthrax reported in 1909, this occurring in Essex County.

Glanders. — There was 1 death from glanders reported in 1909; this from Middlesex County.

MEDICAL EXAMINERS' RETURNS.

For many years the editor of this report has commented on the fact, as shown by the returns, that either there was a sad lack of appreciation of the nature of the duties of the office of medical examiner, or a timidity on the part of police and others which interfered to prevent the assumption of responsibility, and in consequence of which a medical examiner was often called to cases which under no possible interpretation of the law demanded official investigation. Such comments as were made may have been possibly outside the legitimate duty of the man who compiles the "observations," but because of long experience in thousands of cases, and also because of an intimate personal relation with many of the prosecuting officers, Attorneys-General and district attorneys, he fancied that an exploitation of the matter might lead to better results, at least in the matter of expenditures.

Far be it from this editor to suggest that such a thing as "graft" enters into the equation; but it is inevitable that each unnecessary action of a medical examiner entails expense upon either State or county.

However, in spite of the best efforts of the editor to call attention to the state of affairs, with the hope that it might be remedied, his feeble piping has been followed by no corresponding saltatory movements; and therefore in this year's report he will confine himself chiefly to the comments on the returns as furnished, quite irrespective of the question whether more than half the cases investigated warranted official action.

The past decade has shown a considerable increase in the total number of the cases of homicide, — something not unnatural, in view of the increase in the number of the population and the character of a considerable portion of the immigration; but it is to be noticed that the ratio of cases of homicide in 1909 to the total mortality, 2.22, is greater not only in comparison with 1908, 2.06, but with the average of the whole previous decade, 1.61.

The number of cases where the cause of death could not be or was not ascertained after investigation by the officers appointed for that purpose was 88, — over 1.9 per cent. of all cases examined.

There is, as usual, a considerable discrepancy between the returns of the registrars and those of the medical examiners. Take, for instance, the number of suicides: the registrars return but 416 cases, while the medical examiners report 444,—a difference of 28. Both sets of returns are necessary to the compilation of the tables.

The cause of a case of suicide is often difficult to ascertain. The number of such cases is less in years of general prosperity, and, as it is well known that a suicide is at the last, however long contemplated, largely a question of impulse and also of imitation, it is possible that the publication of the gruesome details of cases of self murder have caused many a suicide. At any rate it is true that such publication has been often followed speedily by a case of suicide where the method used was that described in the press. It would seem that according to the provisions of the Revised Laws the determination of the fact of suicide should rest with a judge of the court of first instance rather than with any other person.

Table 81 sets forth the relative proportion of views and autopsies in the different counties and in the whole State for the ten-year period, 1900–1909.

TABLE 81. — *Views and Autopsies for Ten Years, 1900-1909, arranged by Counties, with Ratio of Autopsies to Views for the Individual Counties and the Whole State.*

COUNTIES.	1900.		1901.		1902.		1903.		1904.		1905.		1906.		1907.		1908.		1909.		TOTALS 10 YEARS.		RATIO OF AUTOP- SIES TO VIEWS.
	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	
Barnstable,	29	1	32	4	33	3	30	1	42	1	29	-	27	2	39	-	38	3	41	-	345	15	1 to 23.0
Berkshire,	91	8	77	5	104	4	94	7	78	3	93	5	120	8	133	5	109	3	115	4	1,010	52	1 to 19.4
Bristol,	283	8	233	15	264	17	275	19	252	9	256	22	328	15	356	10	356	6	351	26	2,954	147	1 to 20.1
Dukes,	5	-	11	1	8	1	5	1	12	1	6	-	12	-	7	-	5	-	8	1	74	5	1 to 14.8
Essex,	315	22	295	28	310	23	385	21	412	19	361	21	473	24	509	19	480	30	477	24	4,017	231	1 to 17.4
Franklin,	47	1	51	3	42	4	45	4	62	2	70	-	65	3	69	1	74	1	69	1	594	20	1 to 29.7
Hampden,	213	10	241	21	213	16	229	20	183	19	235	16	267	18	298	17	300	15	287	13	2,420	165	1 to 14.1
Hampshire,	65	5	67	2	53	1	72	8	69	6	73	3	75	1	86	2	79	3	68	1	716	33	1 to 21.7
Middlesex,	451	21	475	20	480	41	512	20	523	30	588	47	584	49	711	69	670	43	838	62	5,832	407	1 to 14.1
Nantucket,	6	-	2	-	2	-	5	-	3	-	-	-	7	-	4	-	4	-	6	-	39	-	1 to -
Norfolk,	123	8	109	5	132	6	100	5	154	5	167	6	190	11	177	9	207	3	217	10	1,696	68	1 to 24.9
Plymouth,	68	8	82	1	80	2	101	4	81	5	160	10	96	7	121	11	125	17	114	13	1,028	78	1 to 13.2
Suffolk,	584	98	678	129	724	114	604	141	654	141	844	201	1,003	272	1,409	376	1,390	411	1,612	425	9,560	2,308	1 to 4.1
Worcester,	352	35	369	24	350	27	433	32	413	31	399	23	431	29	445	31	445	20	410	29	3,047	281	1 to 10.9
The State,	2,632	225	2,782	258	2,795	269	3,010	283	2,938	272	3,280	354	3,078	439	4,364	550	4,282	555	4,613	609	33,367	3,810	1 to 9.5
Ratio,	11.7		10.8		9.6		9.4		10.8		9.3		8.4		7.9		7.7		7.6				

From the preceding table it appears that the county of Suffolk, having the largest population, has the highest ratio of autopsies to views for the decade 1900-1909; and the county of Worcester has the next highest ratio of autopsies to views. There has not been a single autopsy in Nantucket County in the ten years 1900-1909, — indeed, an autopsy by a medical examiner in this county is practically unknown. If one has been made in the thirty-two years since the inception of the medical examiner system, it has escaped the observation of the editor.

The ratios are apparently the same in the individual years as for the whole decade.

The total number of deaths the cause of which was investigated by the medical examiners in 1909 was 4,613. This number was greater by 331 than the number reported in 1908, and 1,276 greater than the average for the decade 1900-1909.

Of the cases investigated in 1909, 3,242, or 70.3 per cent., were those of males; and 1,369, or 29.7 per cent., were those of females.

The following table gives the comparative data in the matter of sex for the ten years 1900-1909:—

TABLE 82. — *Views by Sex, Ten Years, 1900-1909.*

YEARS.	Males.	Percentage.	Females.	Percentage.	Unspecified.	Percentage.	Totals.
1900, . . .	1,928	73.2	704	26.8	—	—	2,632
1901, . . .	2,075	74.6	707	25.4	—	—	2,782
1902, . . .	2,055	73.5	740	26.5	—	—	2,795
1903, . . .	2,221	73.8	789	26.2	1	0.01	3,011
1904, . . .	2,124	72.3	814	27.7	—	—	2,938
1905, . . .	2,387	72.8	893	27.2	—	—	3,280
1906, . . .	2,630	71.5	1,046	28.5	—	—	3,766
1907, . . .	3,205	73.4	1,159	26.6	—	—	4,364
1908, . . .	2,980	69.9	1,302	30.1	—	—	4,282
1909, . . .	3,242	70.3	1,369	29.7	2	0.04	4,613
Totals, . .	24,847	70.91	9,523	29.05	3	0.05	34,373

The minute fractions of unspecified sexes are not included in the calculation of the total percentage of this table.

Homicide. — The number of deaths reported as from homicide in 1909 was 114, or 2.47 per cent. of the whole number of cases investigated during the year, as compared with 107, or 2.49 per cent., in 1908; 96, or 2.19 per cent., in 1907; 86, or 2.34 per cent., in 1906; 67, or 2.04 per cent., in 1905; and 816, or 2.38 per cent., for the decade 1900–1909.

Of the whole number, 28 were cases of homicide by shooting and 17 by stabbing. There were 19 cases of infanticide and 17 cases of abortion. There was 1 case of homicide where poison was the agent.

Suicide. — The number of cases reported by the medical examiners as from suicide in 1909, was 444, or 9.59 per cent., as compared with 470, or 10.98 per cent., in 1908; 462, or 10.59 per cent., in 1907; 344, or 9.35 per cent., in 1906; 369, or 11.25 per cent., in 1905; and 3,837, or 11.16 per cent., for the ten-year period.

Methods of Suicide. — Of the whole number of suicides reported, 114 were committed with firearms, 27 by cutting the throat or stabbing, 39 by drowning, 79 by hanging, 111 by poison, 63 by illuminating gas, 5 by leaping in front of a railroad train, and 5 by leaping from a height.

Sex. — Of the 444 deaths from suicide, 330, or 74.3 per cent., were males, and 114, or 25.7 per cent., were females; as compared with 470, or 77.0 per cent., for males, and 118, or 23.0 per cent., for females in 1908.

Of the suicides by illuminating gas, 44 were males and 19 were

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1903, . . .	2,221	73.8	789	26.2	1	0.01	3,011
1904, . . .	2,124	72.3	814	27.7	—	—	2,938
1905, . . .	2,387	72.8	893	27.2	—	—	3,280

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TABLE 82. — Total of column 3 should read 72.53 and total of column 5 should read 27.47.

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Of the suicides by illuminating gas, 44 were males and 19 were females.

Of the 111 cases of suicide by poison, 32 were by carbolic acid, 8 by arsenic and its compounds, 22 by opium in some form and 49 by other kinds of poisons.

Of the 114 cases of suicide by shooting, cutting the throat, etc., all but 11 were males. Of 39 cases of suicidal drowning, 22 were males. Of 79 cases of suicidal hanging, 52 were males.

The mortality from suicide in the different counties for the year 1909 is presented in the following order: —

Suffolk,	138	Norfolk,	13
Middlesex,	87	Berkshire,	9
Essex,	55	Hampshire,	8
Worcester,	42	Barnstable,	3
Hampden,	38	Franklin,	3
Bristol,	25	Nantucket,	1
Plymouth,	22	Dukes,	—

Table 83 shows the number of deaths from suicide by counties and for the whole state for the ten years 1900–1909, and shows the ratio of suicide to the total mortality by counties and the State for the same period.

The ratio of death by suicide to the total mortality per 1,000 for the year 1909, was 8.7, while the ratio for the ten-year period was 7.6.

TABLE 83. — *Deaths from Suicide, by Counties, 1900-1909.*

COUNTIES.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	TOTALS.	
											Numbers.	Ratio to Total Mortality per 1,000. 1900-1909.
The State,	322	382	324	367	353	369	344	462	470	444	3,837	7.6
Barnstable,	6	3	2	—	1	5	3	4	1	3	28	5.5
Berkshire,	8	11	9	15	10	15	15	12	11	9	115	7.6
Bristol,	24	34	22	31	20	22	26	32	44	25	280	5.4
Dukes,	—	2	—	—	1	1	—	1	—	—	5	6.0
Essex,	36	48	41	46	59	39	47	72	60	55	503	7.8
Franklin,	6	9	6	3	6	10	3	5	6	3	57	8.9
Hampden,	22	21	25	22	16	14	25	29	40	38	252	7.7
Hampshire,	7	6	5	9	5	10	8	6	8	8	72	7.4
Middlesex,	54	58	51	61	49	61	59	67	63	87	610	6.3
Nantucket,	2	—	—	1	—	—	—	—	1	1	4	7.5
Norfolk,	21	24	13	20	25	17	17	12	21	13	183	8.9
Plymouth,	13	18	8	18	17	16	16	20	18	22	166	9.1
Suffolk,	92	103	98	96	97	100	78	154	144	138	1,100	9.3
Worcester,	31	45	44	45	47	59	47	48	53	42	461	7.8

TABLE 84. — *Recapitulation, Ten Years, 1900-1909.*

YEARS.	HOMICIDE.		SUICIDE.		ACCIDENTS OR NEGLIGENCE.		NATURAL AND UNKNOWN CAUSES, INCLUDING ALCOHOLISM.		Totals.
	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	
1900, . . .	61	2.32	322	12.24	1,050	39.89	1,199	45.55	2,632
1901, . . .	65 ¹	2.34	382	13.73	1,073	38.57	1,260	45.29	2,782 ¹
1902, . . .	76 ¹	2.72	324	11.59	1,151	41.18	1,242	44.43	2,795 ¹
1903, . . .	74	2.45	367	12.19	1,187	39.44	1,382	45.91	3,010
1904, . . .	66	2.25	353	12.02	1,210	41.18	1,309	44.55	2,938
1905, . . .	67	2.04	369	11.25	1,403	42.77	1,441	43.94	3,280
1906, . . .	86	2.34	344	9.35	1,507	40.97	1,741	47.34	3,678
1907, . . .	96	2.20	462	10.59	1,752	40.16	2,054	47.05	4,364
1908, . . .	107	2.49	470	10.98	1,694	37.22	2,011	49.31	4,282
1909, . . .	114	2.47	444	9.62	1,653	35.84	2,402	52.07	4,613
Totals, .	816	2.38	3,837	11.16	13,680	39.79	16,041	46.67	34,374

¹ 2 cases of electrocution.

Accident or Negligence.—From accident or negligence there were reported in 1909, 1,653, or 35.84 per cent., of all the cases investigated, as compared with 1,694, or 37.22 per cent., in 1908; 1,752, or 40.16 per cent., in 1907; 1,507, or 40.97 per cent., in 1906; 1,403, or 42.77 per cent., in 1905; and 13,680, or 39.79 per cent., for the ten-year period.

Of the deaths from accident, the principal causes were as follows:

By steam railroad accident, . . .	302	By elevators,	28
other accidents of public travel, ¹	122	poisons,	42
drowning,	321	burning buildings, . . .	17
falls, blows and falling bodies,	299	firearms,	21
burns, scalds, etc., . . .	190	machinery,	15
overlying,	36	exposure,	25
electric railroads, . . .	63	heat,	14
poisonous gases, . . .	39	horses, etc.,	7

¹ Including 39 cases of automobile accidents.

There was one death from lightning during the year.

Intemperance. — The returns as to deaths caused by alcoholism in 1909 reflect, as in other years, largely the temperament, ideas and individuality of the respective medical examiners. It is a very difficult matter to arrive at the exact number of persons who die solely because of over-indulgence in spirituous or malt liquors. Of the cases reported as from alcoholism, undoubtedly a very large proportion are those where the chief cause was excessive use of stimulants; but it is open to question whether there is not a pretty large number of cases where the certificate is signed "alcoholism" where an autopsy might reveal quite a different cause as chiefly operative. Previous comment has been made as to the influence of heredity in alcoholism. In the year 1909, of the cases of death as returned by the registrars, as many as 144 cases are returned as deaths from alcoholism, while by the returns of the medical examiners there were but 114 cases.

Inasmuch as death from acute alcoholism is clearly a death from violence, namely, poisoning, all such cases should receive the attention of the examiner, which appears not to have been the case in 1909 and in many previous years.

It is possible that many cases of cirrhosis of the liver, and other diseases where the contributing cause was alcohol, might be charged to the excessive use of alcohol in some form, and therefore were returned by the examiners as deaths from alcoholism; but there ought to be a greater uniformity in the registration of such cases.

Too great care cannot be taken in signing certificates of death where the cause is assigned to alcoholism, because of serious results to the surviving friends and relatives. The question of interment in a particular locality is to be considered, inasmuch as a deprivation of such a privilege causes great pain to friends. The question of insurance is another matter of moment, especially as those who are likely to die because of over-indulgence in liquor are the very ones to whose surviving family the insurance is of the greatest consequence.

The number of persons who are said to have died because of the intemperate use of alcoholic stimulants in 1909, as stated in the tables constructed from the returns of the medical examiners, was 114, or 11 more than the number returned from this cause in 1908, and 2.38 per cent. of the whole number investigated, as compared with 2.04 per cent. in 1908.

The number of accidental deaths from illuminating gas in 1909 (39) is less by 3 than the number reported in the previous year; but until the community appreciate the great danger attending the use of the so-called water gas, the death roll from this cause is likely to be formidable each year. The number of deaths returned as from this cause, plus other noxious gases, in 1909 was 39; as compared with 42 in 1908, 69 in 1907, 27 in 1906, and 40 in 1905.

There was a decrease in the use of this agent in 1909 as a method of self-destruction, there having been 65 cases during the year, as compared with 81 cases in 1908, 78 in 1907 and 47 in 1906.

NOSOLOGICAL NOMENCLATURE.

INTERNATIONAL CLASSIFICATION OF CAUSES OF DEATH.

[Prepared under the supervision of WILLIAM A. KING, Chief Statistician for Vital Statistics, and adopted by the United States Census Office for the compilation of mortality statistics.]

I. GENERAL DISEASES.

1. Typhoid fever.
2. Exanthematous typhus.
3. Recurrent fever.
4. Intermittent fever and malarial cachexia.
- 4a. Malarial cachexia.
5. Variola.
6. Measles.
7. Scarlatina.
8. Whooping-cough.
9. Diphtheria and croup.
- 9a. Diphtheria.
10. Grippe.
11. Miliary fever.
12. Asiatic cholera.
13. Cholera nostras.
14. Dysentery.
- 14a. Dysentery, epidemic.
15. Pest (plague; bubonic plague).
16. Yellow fever.
17. Leprosy.
18. Erysipelas.
19. Other epidemic affections.
20. Purulent infection and septicæmia.
21. Glanders and farcy.
22. Malignant pustule and charbon (anthrax).
23. Rabies.
24. Actinomycosis, trichinosis, etc.
25. Pellagra.
26. Tubercle of the larynx.
27. Tubercle of the lungs.
28. Tubercle of the meninges.
29. Tubercle, abdominal.
30. Pott's disease.
31. Abscess, cold and by congestion.
32. Tumors, white (white swellings).
33. Tubercle of other organs.
34. Tubercle, generalized.
35. Scrofula.
36. Syphilis.
 1. Primary.
 2. Secondary.
 3. Tertiary.
 4. Hereditary.
37. Blennorrhagia of the adult.
38. Gonococcal infections of the child.

I. GENERAL DISEASES — Con.

39. *Cancer and other malignant tumors of the buccal cavity.*
40. *Cancer and other malignant tumors of the stomach and liver.*
41. *Cancer and other malignant tumors of the peritoneum, intestines and rectum.*
42. *Cancer and other malignant tumors of the genital organs of the female.*
43. Cancer and other malignant tumors of the breast.
44. Cancer and other malignant tumors of the skin.
45. *Cancer and other malignant tumors of organs not specified.*
46. *Other tumors (tumors of the female genital organs excepted).*
47. Rheumatism, acute, articular.
48. Rheumatism, chronic, and gout.
49. Scorbutus.
50. Diabetes.
51. Goitre, exophthalmic.
52. Addison's disease.
53. Leukemia.
54. Anæmia and chlorosis.
55. Other general diseases.
56. Alcoholism, acute and chronic.
57. Saturnism.
58. Other trade intoxications.
59. Other chronic poisonings.

II. DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF SPECIAL SENSE.

60. Encephalitis.
61. Meningitis, simple.
- 61a. Meningitis, epidemic cerebro-spinal.
62. Locomotor ataxia, progressive.
63. Other diseases of the spinal cord.
64. Cerebral congestion and hemorrhage.
65. Cerebral softening.
66. Paralysis without cause assigned.
67. General paralysis.
68. Other forms of mental alienation.
69. Epilepsy.
70. Eclampsia (non-puerperal).

Nosological Nomenclature — Continued.

II. DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF SPECIAL SENSE — Con.

71. Convulsions of children.
72. Tetanus.
73. Chorea.
74. Hysteria.
- 74a. Other affections of the nervous system.
75. Diseases of the eye and its adnexa.
76. Diseases of the ear.

III. DISEASES OF THE CIRCULATORY APPARATUS.

77. Pericarditis.
78. Endocarditis, acute.
79. Organic diseases of the heart.
80. Angina pectoris.
81. *Affections of the arteries (atheroma, aneurism, etc.).*
82. Embolism and thrombosis.
83. *Affections of the veins (varices, hemorrhoids, phlebitis, etc.).*
84. *Affections of the lymphatic system (lymphangitis, etc.).*
85. Hemorrhages.
86. Other affections of the circulatory apparatus.

IV. DISEASES OF THE RESPIRATORY APPARATUS.

87. Diseases of the nasal fossæ.
88. Affections of the larynx.
89. Affections of the thyroid body.
90. Bronchitis, acute.
91. Bronchitis, chronic.
92. Broncho-pneumonia.
93. Pneumonia.
94. Pleurisy.
95. Pulmonary congestion and apoplexy.
96. Gangrene of the lung.
97. Asthma.
98. Emphysema, pulmonary.
99. *Other diseases of the respiratory apparatus (phthisis excepted).*

V. DISEASES OF THE DIGESTIVE APPARATUS.

100. Affections of the mouth and its adnexa.
101. Affections of the pharynx.
102. Affections of the œsophagus.
103. Ulcer of the stomach.
104. Other affections of the stomach (cancer excepted).
105. Diarrhœa and enteritis (under two years).
- 105a. Diarrhœa and enteritis, chronic.
106. Diarrhœa and enteritis (two years and over).
107. Parasites, intestinal.

V. DISEASES OF THE DIGESTIVE APPARATUS — Con.

108. Hernias and intestinal obstructions.
109. Other infections of the intestines.
- 109a. Diseases of the anus and fecal fistulas.
110. Icterus, grave.
111. Hydatid tumors of the liver.
112. Cirrhosis of the liver.
113. Biliary calculi.
114. Other affections of the liver.
115. Affections of the spleen.
116. Peritonitis, simple (puerperal excepted).
117. *Other affections of the digestive apparatus (cancer and tubercle excepted).*
118. Appendicitis and abscess of the iliac fossa.

VI. DISEASES OF THE GENITO-URINARY APPARATUS AND ITS ADNEXA.

119. Nephritis, acute.
120. Bright's disease.
121. Other diseases of the kidneys and their adnexa.
122. Calculi of the urinary tract.
123. Diseases of the bladder.
124. Diseases of the urethra, urinary abscess, etc.
125. Diseases of the prostate.
126. Non-venereal diseases of the male genital organs.
127. Metritis.
128. Hemorrhage, uterine, non-puerperal.
129. Tumor, uterine, non-cancerous.
130. Other diseases of the uterus.
131. Cysts and other tumors of the ovary.
132. Other diseases of the female genital organs.
133. *Diseases of the breast, non-puerperal (cancer excepted).*

VII. PUERPERAL STATE.

134. Accidents of pregnancy.
- 134a. Normal labor.
135. Hemorrhage, puerperal.
136. Other accidents of labor.
137. Septicæmia, puerperal.
138. Albuminuria and puerperal eclampsia.
139. Phlegmasia alba dolens, puerperal.
140. Other puerperal accidents — sudden death.
141. Puerperal diseases of the breast.

VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.

142. Gangrene.
143. Furuncle (carbuncle).
144. Phlegmon, warm abscess.
145. Other diseases of the skin and its adnexa.

Nosological Nomenclature — Concluded.

IX. DISEASES OF THE ORGANS OF LOCOMOTION.

- 146. Affections of the bones (non-tuberculous).
- 147. Arthritis and other affections of the joints (tubercle and rheumatism excepted).
- 148. Amputation.
- 149. Other affections of the organs of locomotion.

X. MALFORMATIONS.

- 150. Malformations, congenital (still-births excepted).

XI. EARLY INFANCY.

- 151. Congenital debility, icterus and sclerema.
- 152. Other diseases appertaining to infancy.
- 153. Lack of care.

XII. OLD AGE.

- 154. Senile debility.

XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.

- 155. Suicide by poison.
- 156. Suicide by asphyxia.
- 157. Suicide by hanging or strangulation.
- 158. Suicide by submersion.
- 159. Suicide by firearms.

XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES — Con.

- 160. Suicide by cutting instruments.
- 161. Suicide by jumping from high places.
- 162. Suicide by crushing.
- 163. Other suicides.
- 164. Fractures.
- 165. Luxations.
- 166. Other accidental traumatisms.
- 167. Burns and scalds.
- 168. Burns by corrosive substances.
- 169. Insolation.
- 170. Freezing.
- 171. Electrical disturbances.
- 172. Accidental submersion.
- 173. Prostration.
- 173a. Inanition.
- 174. Absorption of deleterious gases (suicide excepted).
- 175. Other acute poisonings.
- 176. Other external violence.

XIV. ILL-DEFINED DISEASES.

- 177. Dropsy.
- 178. Sudden death.
- 179. Non-specified or ill-defined causes of death.



